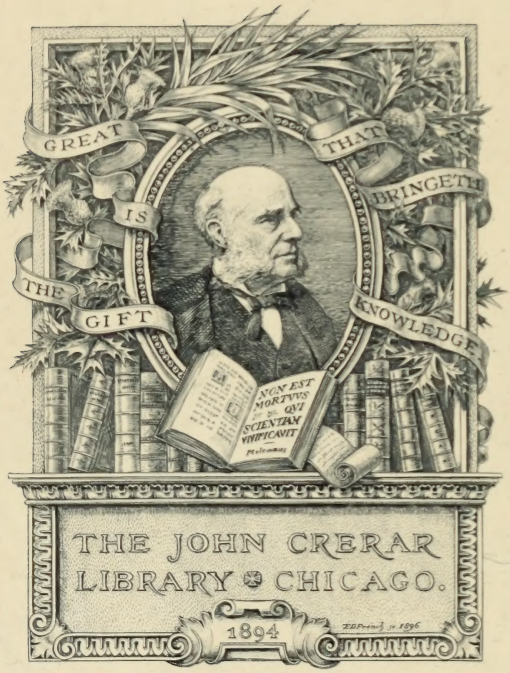


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HOWARD UNIVERSITY CATALOGUE

1912-1913



Proposed Buildings of the
School of Medicine

Bird's-Eye View c



Proposed Buildings of the School of Medicine

Bird's-Eye View of Grounds and Buildings - Howard University



Rankin Memorial Chapel. Used for Daily Chapel, Sunday Vespers and Lectures



University Choir Entering Rankin Memorial Chapel



The Carnegie Library



Interior View—Carnegie Library



The Medical Building



Laboratory—School of Medicine—Bacteriology



Laboratory—School of Medicine—Physiology



Manual Arts - Woodworking



New Science Hall



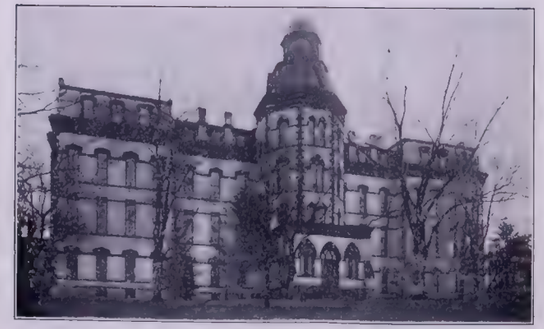
Class in Physics



New Hall of Applied Sciences and Industrial Arts



Clinic—Amphitheatre, Freedmen's Hospital



Main Building



Amphitheatre—Science Hall



One of the Laboratories — Chemistry



Avenue, South Border of Campus, Leading to President's House



f Grounds and Buildings – Howard University

Vol. VII March, 1913 No. 2

HOWARD UNIVERSITY RECORD

CATALOGUE

HOWARD UNIVERSITY

1912-1913

WASHINGTON, D. C.

HOWARD UNIVERSITY RECORD, Published by Howard University in January, March, June and November. Subscription price, one year, twenty-five cents. Entered at the Post Office at Washington, D. C., as second-class matter.

1913

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CALENDAR

1913

March 21 to 24, inclusive.....Easter Recess
May 26 to 31 Final Examinations
May 29, Thursday, 10 a. m....Alumni Reunion, School of Theology
3 p. m....Class Day, School of Liberal Arts and Professional Schools
8 p. m....Graduation Exercises, School of Theology
June 1, Sunday, 4 p. m.....Baccalaureate Sermon
June 2, Monday Class Day of the Normal Training Classes, the Commercial College and the Academy
8 p. m.....Graduation Exercises of the Normal Training Classes, the Commercial College and the Academy
June 3, Tuesday, 3 p. m.....Annual Meeting of the Board of Trustees
June 4, Wednesday, 10 a. m...Annual Meeting of the Alumni Association
1 p. m...Alumni Luncheon, Main Hall
4 p. m...COMMENCEMENT
8 p. m...Promenade Concert. Illumination of Grounds and Buildings
June 5 to Sept. 24.....Summer Vacation
September 23 Registration Day
September 24 The First Semester opens in the School of Liberal Arts, the Schools of Theology, Medicine, Law, the Commercial College and the Academy
November 27 to Nov. 30, inc..Thanksgiving Recess for Academic Departments
December 24 to Jan. 2, inc....Christmas Recess

1914

January 26 to Jan. 31.....Semi-annual Examinations
January 31 First Semester ends
February 2 Second Semester begins
February 6 Semi-Annual Meeting of the Board of Trustees
February 22 Washington's Birthday
April 10 to 13, inc.....Easter Recess
May 25 to 30 Final Examinations
June 3 COMMENCEMENT

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WALTER DYSON, A. M.....*Howard University.*
Instructor in History and Economics.

JOSEPH G. LOGAN, PH. B.....*Howard University.*
Instructor in Physics and Chemistry.

PHEBE A. I. HOWELL, A. B.....729 *Gresham Place.*
Instructor in Bookkeeping and Commercial Geography.

WILLIAM F. SOWERS, M. D.....1707 *Massachusetts Ave.*
Instructor in Clinical Surgery.

HARRY H. KERR, M. D 1742 *N Street.*
Instructor in Clinical Surgery.

CHESTER A. LYLE 1211 *Harvard Street.*
Instructor in Printing.

ERNEST J. MARSHALL, A. B.....*Howard University.*
Instructor in Physical Education and Hygiene, Instructor in Chemistry.

ERNEST M. POLLARD, A. B.....*Howard University.*
Instructor in English.

HERBERT D. MYERS, A. B.....*Howard University.*
Instructor in Iron Working and Forging.

CLIFFORD C. ROBERTSON, A. B., PD. B.....*Howard University*
Instructor in Mathematics.

JAMES S. THOMAS, A. B.....619 *Fairmont Street.*
Instructor in German.

JOSEPH H. DOUGLASS.....1644 *Florida Ave.*
Instructor on the Violin.

SARAH N. MERIWETHER, A. B.....1211 *S Street.*
Instructor in English and History.

WILLIAM R. WILLIAMS, A. B., Pd. B.....1739 *Eleventh Street.*
Instructor in Physiography and Food Products.

WILLIAM COBHAM, A. M.....1231 *Girard Street.*
Instructor in Latin and French.

WILLIAM J. BAUDUIT, A. M.....816 *Twelfth Street.*
Instructor in Mathematics.

NUMA P. S. ADAMS, A. M.....*Howard University.*
Instructor in Chemistry.

HAROLD D. HATFIELD, B. S. in C. E.....1822 *H Street.*
Instructor in Woodworking, Surveying and Civil Engineering.

HAROLD A. HAYNES, B. S. in E. E.....1917 *Eleventh Street.*
Instructor in Drawing and Electrical Engineering.

ROY W. TIBBS, Mus. B.....2406 *Sixth Street.*
Instructor in Pianoforte.

HELEN B. IRVIN.....2213 *Fourth Street.*
Instructor in Domestic Science.

GEORGE W. HINES, A. B.....*Howard University.*
Instructor in Typewriting and Commercial Correspondence.

WILLIAM H. PLEASANTS, A. B.....*Howard University.*
Instructor in English.

CLARENCE A. HAYES, A. B.....2902 *O Street.*
Assistant in Physics.

CHRISTOPHER C. COOKE, A. B.....*Howard University.*
Assistant in Botany.

MOSES CLAYBORNE, A. B.....*Howard University.*
Assistant in Zoology.

ANNA MINER CECIL*Howard University.*
Assistant in Bookkeeping.

RALPH B. STEWART, Phar. D., M. D.....1809 *Fourth Street.*
Assistant in Pathology.

CLARICE A. JONES.....1901 *Vermont Ave.*
Assistant in Pianoforte.

MARTHA M. BREWER-LYON, M. S., M. D.....48 *V Street.*
Clinical Assistant in Ophthalmology.

MILTON A. FRANCIS, M. D.....2112 *Pennsylvania Ave.*
Clinical Assistant in Surgery.

CHARLES H. MARSHALL, M. D.....2710 *P Street.*
Clinical Assistant in Gynecology.

EDWIN H. REEDE, M. D.....516 *M Street.*
Clinical Assistant in Medicine.

ELIZABETH SOHON, M. D.....512 *I Street.*
Clinical Assistant in Ophthalmology.

LEWIS E. ECKER, M. D.....1309 *Connecticut Ave.*
Clinical Assistant in Practice.

MILTON HAHN, M. D.....*The Albany.*
Clinical Assistant in Practice.

SPECIAL LECTURES

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Sydney Lanier.

THE REV. JOSEPH K. GREENE, D. D.,
Mohammed and Christ.

PROF. G. D. HOUSTON,
Phyllis Wheatley.

MISS CAROLINE HUNT,
Home Economics Day; Ellen H. Richards.

THE HON. A. E. PILLSBURY,
Abraham Lincoln, the Emancipator.

MR. CHARLES D. HURREY, *Head of International Secretaries of Students' Department of Y. M. C. A.,*
Merits of the Bible.

MRS. ROBERT A. PELHAM,
Samuel Coleridge Taylor.

THE REV. E. H. RICHARDS, D. D.,
The Appeal of Africa.

MR. PERCY ROY,
Poor Condition of Housing in Alley Districts of Washington.

PROF. JOEL E. SPINGARN,
The New Abolition.

MR. R. M. WILLIAMS, *Reading Clerk of House of Representatives,*
The Single Tax.

DR. EDWARD D. WILLISTON,
Medical Ethics.

THE REV. J. S. LEMON, D. D.,
Philosophy and Education; History.

DR. G. H. N. WARING,
The Medical View of Temperance.

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EDWARD A. BALLOCH, Medical Building,
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BENJAMIN F. LEIGHTON, Law Building, 420 Fifth Street.
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Assistant to the Librarian,
LULU ALLAN.
Cataloguer,
LULU ELIZABETH CONNER.
Librarian, School of Law Library,
W. H. RICHARDS, Law Building.
Assistant Librarian, School of Law Library,
GEORGE F. COLLINS, LL. B.
Proctor of Clark Hall,
GEORGE M. LIGHTFOOT, Room 48, Clark Hall.
Preceptress,
MARIE I. HARDWICK, Miner Hall.
Assistant Preceptress, EULA B. GREY, Miner Hall.
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Housekeeper,
ELIZABETH P. MESSER, Miner Hall,
Secretary of Committee on Approved Rooms,
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Superintendent of Buildings and Grounds,
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President of Athletic Association,
EDWARD M. A. CHANDLER.
Director of Glee Club,
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Professor Wm. V. Tunnell

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GENERAL INFORMATION

ORGANIZATION

The date of the charter of Howard University is March 2, 1867. It provides for establishing "a university for the education of youth in the liberal arts and sciences." While special provision was made for the higher education of the Negro, no race was excluded, and North American Indians, Chinese, Japanese and Europeans of several nationalities, besides American citizens, have in the past been found in the several departments, being especially attracted by the superior advantages in the professional schools. Last year there were over one hundred students from eleven foreign countries, practically all, however, of the more than fourteen hundred students being identified with the colored race.

The University has had a line of distinguished presidents during the past forty years, among whom may be named the Rev. Byron Sunderland, D. D., General O. O. Howard, LL. D., the Rev. William Weston Patton, D. D., LL. D., and the Rev. Jeremiah Eames Rankin, D. D., LL. D. The united terms of the two latter cover twenty-seven years (1876-1903) of service.

LOCATION

The location of Howard University is strategic. It is in the Capital of the Nation. The campus of twenty acres comprises the highest elevation in the northwest section, which is the most attractive portion of the city. The Reservoir Lake, a beautiful sheet of water, borders the campus on the east. The grounds of the National Soldiers' Home furnish a charming park at the northeast. Immediately adjoining the campus on the south are the new Freedmen's Hospital buildings, erected on a wooded tract of eleven acres, leased by the University to the Government. Beautiful shade trees adorn the campus and the long avenues suggest the traditional walks and academic groves which add so much to historic institutions of learning. Georgia Avenue, the extension of Seventh Street, one of the principal thoroughfares of the District, is at the foot of Howard Place, on the west. From the University Hill the Capitol, Congressional Library, the Washington Monument and the Potomac River are in clear view.

Considering its elevated situation, with its extensive grounds, right in the city of Washington, and the attractive environment of its campus, the site of Howard University is probably surpassed by few institutions of learning in America.

WASHINGTON A UNIVERSITY CITY

To the students of Howard University the museums and libraries supported by the general government of the United States, together with similar institutions belonging to the City of Washington, present advantages unsurpassed by those of any other city in the land, if not in the entire world. The Library of Congress, with its immense and constantly increasing collection of books; the Smithsonian Institution and National Museum, with their innumerable specimens of all kinds gathered from all parts of the earth; the Bureau of Education, with its extensive library; the Bureau of Fisheries, with its aquaria; the Botanical Garden, with numerous greenhouses well stocked with living plants; the Army Medical Museum, containing extensive collections and the largest medical library in the world; the Naval Observatory, with its unexcelled equipment for astronomical work—all these and many others are easily reached and may be freely visited. By authority of Congress all governmental collections, together with facilities for research and illustration, are made accessible to students of the institutions of higher learning in the District of Columbia.

The Carnegie Library and the Corcoran Art Gallery, although not belonging to the Government, are nevertheless free to all under the ordinary restrictions applying to such organizations.

Washington is essentially a city of governmental institutions, and the great corps of scientific workers brought together for the administration of the numerous bureaus makes of it the great scientific as well as the great political center of the Nation. Familiarity, through daily observation, with the workings of Congress, the Supreme Court, etc., affords privileges which cannot be found elsewhere, while public lectures, concerts, and the presence of other universities offer to students opportunities for the most generous culture, whether literary, scientific, æsthetic, or industrial.

Washington has well been called a university in itself. To live in such an atmosphere is a liberal education to an eager, receptive mind.

BUILDINGS AND GROUNDS

THE UNIVERSITY BUILDINGS

The University buildings are modern structures of brick, and are all located on the main campus with the exception of the Law School

building, which is on Judiciary Square. They are heated with steam and lighted by electricity. They are in charge of a superintendent of buildings and grounds and a competent engineer, with several assistants. Pains are taken to keep the buildings always in a sanitary condition, and the healthfulness of the campus and surroundings is attested by the fact that no disease has ever become epidemic in the institution, and there has never been on the grounds a death from typhoid.

THE MAIN HALL

The main building crowns the summit of the hill at a height of 185 feet above the Potomac River, and can be seen from all sections of the city. In length it is 184 feet, and it has extreme breadth of 95 feet. It is four stories in height, with a commanding tower from which one of the finest panoramic views of the city and district is presented. It is devoted to public uses exclusively, and contains recitation and lecture rooms, assembly hall, museum, laboratories, besides the offices of the Secretary and of the Treasurer.

CLARK HALL

Clark Hall stands at the north end of the campus, and is occupied as a dormitory by young men. It is four stories in height above a high basement, and is 170 feet long and 44 feet broad. It furnishes accommodations for 200 students. Many students find work, with board and rooms in the city, and have special permission to room off the campus. Clark Hall was named after David Clark, Esq., of Hartford, Conn., who, early in the history of the University, contributed to its funds $25,000.

MINER HALL

Miner Hall, a large structure 220 feet long by 36 feet broad, stands on the east of the University quadrangle facing the Reservoir Lake, and furnishes an attractive home for young women. It is four stories in height, the basement story containing the dining-rooms, with an outside entrance for young men. The rooms are arranged in suites, with accommodations for two or three girls each. The young ladies are under the charge of a competent and cultured preceptress. The building is also provided with a reception parlor, music and sewing-rooms, and no effort is spared to give it a home-like atmosphere and to make it a center of intellectual and moral culture for the young women placed in charge of the institution.

NEW BUILDING OF MANUAL ARTS AND APPLIED SCIENCES

The new Hall of Manual Arts and Applied Sciences is of brick with

reenforced concrete floors, and is 100 by 40 feet, and three stories high. The basement is occupied by engineering laboratories; the second floor by the department of wood-working; and the third floor is given up to large lecture rooms, the domestic arts department, and a drafting room. The erection of the building was made necessary by the increased demands for men trained along engineering lines, and also gives opportunity for the much-needed extension in Spaulding Hall of the domestic science work.

THE MEDICAL BUILDING

The Medical School building is an impressive structure of four stories and basement. It contains the lecture-rooms and the anatomic, physiologic, chemic, histologic, bacteriologic, pathologic, dental and pharmacal laboratories. It is well supplied with apparatus and materials for illustration. The laboratories are modern and thoroughly equipped. The amphitheatre accommodates several hundred. The number of lecture-rooms enables the faculty to hold four different lectures simultaneously. It has a fine location with ample grounds on the corner of Fifth and W Streets. Electric cars pass the entrance.

THE MEMORIAL CHAPEL

The Rankin Memorial Chapel stands at the entrance to the University grounds, and is a fine example of the English Gothic. It is of brick and brownstone, covered with a tile of slate roof. The ivy that almost completely covers the building adds much to its attractiveness. The interior carries out the Gothic idea, with the heavy oak trusses and structural frame work of the roof exposed. The north end is illuminated by a superb triple ornamental window, representing the Landing of the Pilgrims, the House at Scrooby and the City of Leyden, Holland, placed in memory of Deacon S. H. Stickney, of Baltimore. At the south end is the stained glass window of Sir Galahad, erected during the past year by teachers and students in memory of the late Professor Charles Chauveau Cook. The Chapel stands as a memorial to Andrew E. Rankin, the brother of the late President Rankin, and the deceased husband of a generous donor, Mrs. H. T. Cushman, of Boston. The main hall seats an audience of from seven to eight hundred. Anniversaries, University lectures, daily chapel and vesper services are held here. A number of busts and oil paintings of distinguished friends of the University adorn the platform.

THE LAW BUILDING

The Law School building is situated on Judiciary Square, with the Court Houses and courts contiguous. It is a handsome four-story

building of pressed brick. Besides the offices of the school, it contains the large William M. Evarts lecture-hall, built in chapel form, two stories high, and extensive libraries of the school. This valuable property belongs to the University.

THE CARNEGIE LIBRARY

The new Carnegie Library, which fronts on the campus, is over 100 feet long and 35 feet deep, not including the projection of the stack room. The design of the building is classic. In this respect the architect has taken its note from the federal architecture of Washington. It is designed in the style of Italian Renaissance. Free standing columns and antae supporting a pediment mark the main entrance, and are further made an integral feature of the design by use of pilasters on the rest of the walls.

The Library is capable of holding from sixty to seventy thousand books. Two-thirds of these will eventually be placed in the stack, which is in four tiers, made entirely of steel and glass, with movable shelves. This portion of the building is fireproof and is cut off from the rest of the building.

It is possible that the most successful feature of the Library is the way in which the whole interior has been opened up and thrown together. On the first floor, the two reading-rooms open widely off the circulating-room. This enables the building to count in its entire length from wall to wall. Light, space and ventilation are emphasized by an open gallery running around the second floor. On this floor are the special reading-room of the School of Medicine, Board room, the offices of the President of the University, and two seminar rooms. In the basement is a good-sized assembly room and an excellent newspaper room. The woodwork is stained so as to give a dark brown weathered oak effect. The whole finish of the interior is quiet, almost in monotones, in order to set off the pictures, casts, and, most particularly, the books, without detracting attention from them.

THE SCIENCE HALL

The Science Hall is an imposing fireproof structure combining beauty and symmetry of form with the most modern ideas of equipment and general arrangement of scientific departments. The walls are of brick with terra cotta and stone trimmings. The interior construction is of steel and re-enforced concrete. The roof is of metal with ornamental trimmings.

The basement contains a large electrical engineering laboratory, storage battery room, assay room, skeleton room, private and biological

laboratories, and storage rooms. The first floor is devoted entirely to biology, the second to physics. The third floor is occupied by the department of chemistry. On this floor is a large, well lighted auditorium, seating about 225 students, available for class work and scientific lectures. Over $10,000 has been spent in equipment. To this is being added generous appropriations in order that every facility may be given for scientific study and research.

SPECIAL ADVANTAGES

LITERARY AND MUSICAL

The location of the University, in the Capital of the Nation, gives students of all departments unusual opportunities for general culture and that larger outlook upon life gained through lectures, concerts and entertainments of an elevating character. On the floors of the Senate and House of Representatives leaders in national thought and statesmanship may be heard on vital questions before the country. The lecture platform of the city is unsurpassed—many lectures being free and open to all. The University furnishes, on an average, twice a month, lectures of a high order. A number of these are illustrated by stereopticon views.

Here, also, may be heard the great orchestras from several cities and the musical celebrities of all lands. Superior facilities for musical cultivation are offered to the students of all departments. In addition to the individual instruction in vocal and instrumental music, there are various classes open to all where careful training is given. A large vested choir of about forty voices is maintained. There is also a Young Men's Glee Club, an orchestra and a brass band, in which organizations careful musical drill is given. A large body of students also makes possible a great oratorio chorus that has given Mendelssohn's "Elijah," and Handel's "Messiah." A Conservatory of Music has been established in which, under the supervision of the University authorities, the finest musical advantages may be secured.

THE CARNEGIE LIBRARY

The University Library is designed mainly for general reference and study in all departments; it also aims to supply the students with good reading. It is open during the term, on week days from 8.30 a. m. to 8.30 p. m. The Medical Room is open until 10 p. m.

All persons in any way connected with the University, and any others who may be introduced by members of the faculty or governing body, are entitled to the use of the library.

There are in the collection 24,825 bound volumes and about 19,000 pamphlets—this number including the valuable Lewis Tappan collection, the George B. Cheever general library, and the theological library. The library is constantly being increased by purchases and gifts. About five thousand dollars are expended annually in purchases and administration. The reading-rooms are provided with 125 of the leading American, English, French and German periodicals, reviews of science, music and general literature.

The library is being classified and catalogued according to the Dewey system, and the most recent and useful reference and bibliographical aids are furnished. To place the library collection within easy reach of all students that they may acquire facility in making good use of the materials at their disposal, lectures are given to classes in all the departments on the use of books and methods of research.

The School of Law has its own library at the Law Building on Fifth Street. This contains 3,200 principal text-books, legal reports, etc., and 200 pamphlets. This library is open during the school year at suitable hours during the day and evening.

LITERARY SOCIETIES

The University maintains in its several departments six literary societies and debating clubs which, through exercises, debates, oratorical contests and renditions of choice dramas, provide for the student a training the value of which cannot be overestimated.

The Alpha Phi Literary Society, open to members of the colleges and professional departments, has served well in bringing out the powers of quick and accurate thinking, correct expression and impromptu speaking. It holds annually a public oratorical contest, at which a gold medal is awarded.

The Kappa Sigma Debating Club is composed of the students of the College of Liberal Arts. Its purpose is to foster inter-collegiate debating and to develop ready and useful speakers. The Club holds an annual debate, which is looked forward to with a great deal of interest and enthusiasm. On this occasion two valuable prizes are awarded.

The Young Ladies' Culture Club is maintained by the young ladies of Miner Hall, who receive excellent training through its literary and dramatic exercises.

The Pestalozzi-Froebel Society is an organization of the Teachers College. Its work, while conducted by the students themselves, is carefully supervised by the faculty, participation in its exercises being

made compulsory. It undertakes each year one or more dramas or public literary exercises.

The Theological Literary Society, fostered by the School of Theology and carefully supervised by its faculty, discusses topics in the field not only of religion, but also of sociology and practical life. Its Maynard Prize Debate, held annually, is an event of much interest.

The Eureka Society, a literary organization of the Academy, gives training in the elements of parliamentary practice and debating. It lays the foundation for work in the other societies. Its Mock Congress gives abundant opportunity for the study of present-day political questions.

RELIGION AND MORALS

The charter contains no religious test or limitation. The University, however, is distinctly Christian in its spirit and work, and a high moral atmosphere is maintained. It is not denominational, and its students are drawn from all the churches, including the Roman Catholic. The President conducts daily prayers in the chapel, which students are required to attend, and preaches at vespers every Sunday afternoon. Bible classes, taught by deans or professors, are maintained on Sunday morning. A general prayer service is held every Tuesday evening. The Preceptress leads every morning a devotional service for the young women rooming in Miner Hall. Students attend the churches of their choice in the city, and many of them engage actively in religious and philanthropic work in social settlement and other philanthropic organizations.

YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association is composed of earnest young men, devoting a portion of their time to quickening the religious spirit of the University. Joseph G. Logan, Ph. B., a graduate of Howard class of 1905, is employed by the University as secretary of the Association, and gives the greater portion of his time to its work. Under his supervision plans for this year are being made to take an active part in religious work in the city, consisting in assisting in church and in social settlement work.

The Association conducts weekly devotional meetings and several Bible study groups, under the supervision of competent leaders, for the purpose of enlarging the student's knowledge of biblical and spiritual truths, and of his appropriating them in religious life and work.

It also takes special interest in the supplying of employment for needy students. All new students should report to the Secretary as soon as possible after arrival at the University, in order that they may

receive whatever assistance is necessary for their comfort and welfare. Any new student may write the Secretary of the Y. M. C. A., stating the time of his arrival and the road, and he will be met at the station by a member of the New Student Committee.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The Young Women's Christian Association is devoted to the development of Christian character in its members, and the prosecution of active Christian work among the young women of the institution. Special stress is placed on Bible study, under the supervision of the following women: Mrs. Coralie Franklin Cook, Mrs. Isabella Webb Parks, Mrs. Josephine B. Bruce, and Mrs. D. F. Rivers.

HEALTH AND MEDICAL EXAMINATION

The health of students in the University is given first consideration. The elevated location and perfect drainage of the campus are all that could be desired. The reservoir and parks on the east and north, which the dormitories overlook, with their smooth boulevards and walks, give ample opportunity for healthful exercise. Sickness among the students is rare. No death from contagious disease has ever occurred here. Health, strength and symmetrical development are encouraged. Occasional talks on hygiene are given.

Careful provision is made for the physical examination of all students, and for medical advice—free of charge. The care of skilled physicians is offered students in case of sickness, and a limited supply of free medicines. The Freedmen's Hospital, built and equipped at a cost of nearly a half million dollars, adjoins the campus. Here free beds are available for students in case of serious and prolonged illness.

ATHLETICS

General supervision of athletic sports is vested in the Athletic Council. This body is composed of members of the faculty, alumni and undergraduate students. It has jurisdiction over all athletic matters, as well as general oversight of the deportment and scholarship of the members of the several teams. There is a large athletic field, upon which the students engage in all out-door exercises, such as football, baseball, cricket and field events. The track is about one-fifth mile in length, and has a 120-yard straight-away. The grandstand runs parallel to the straight-away, thus giving a good view of the start and finish of races.

Candidates for places on the various athletic teams will be required to take a physical examination and give evidence of fitness by making

strength tests. Students not candidates for teams will be required to take a physical examination for the purpose of ascertaining defects which may be overcome by corrective physical training. The football team of the University has not been defeated in the past four years.

Along the west side of the athletic field is a large, permanent grandstand. This building is enclosed sufficiently at the sides and back to give the spectators ample protection from the weather.

LITERARY AND SCIENTIFIC CLUBS

Clubs have been organized in the several departments, composed of advanced students in several departments of study. These clubs meet at stated intervals under the advice and direction of the teaching staff. The programs include papers, lectures, book reviews and discussion of special topics. The following clubs are at present in active operation: The Physics Club, the Classical Club, Der Deutsche Verein, the Dramatic Club, the Kappa Sigma Debating Club, the Philosophical and Educational Club, and the French Club.

PRIZES

PRIZES OFFERED BY THE COUNCIL OF UPPER CLASSMEN

The following prizes are available through the Council of Upper Classmen, and will be awarded annually: 1. A prize of $5.00 to the student of the Freshman class of the School of Law who makes the best argument at the annual open session of the Blackstone Club. 2. A prize of $5.00 to a student of the Junior or Senior class of the School of Liberal Arts for excellency in English. 3. A gold medal worth not less than $5.00, to that student of the Senior class of the School of Law, who, by vote of the Faculty, shows the greatest proficiency in Constitutional Law.

THE J. EDWARD BARRY PRIZE IN PUBLIC READING

Honorable J. Edward Barry, Mayor of Cambridge, Massachusetts, offers a prize of ten dollars for excellence in Public Reading.

PRIZE IN ORATORY

A good friend in Boston, Massachusetts, offers a prize of ten dollars for excellence in Oratory.

PRIZE IN LITERATURE

There will be a prize of ten dollars for the best essay upon an assigned subject in literature.

WELFORD R. WILSON PRIZE

An annual prize of $5.00 is given for excellence in Political Science. This prize is established and is maintained by Welford R. Wilson, A. B., Howard University, Class of 1910, of Mound Bayou, Mississippi.

EXPENSES

The following list of expenses includes the various items for which charge is made by the institution but it does not include such items as laundry, books and general expenses of a miscellaneous character, all of which are variable and more or less determined by the student himself. Laundry, mending and similar expenses will range from one to two dollars per month. Books, paper, and similar articles will cost six dollars per year and upward, depending on the course taken.

Table board is furnished in the University Dining Hall at $10 per month, payable monthly in advance. This amounts for the school year to about $83.00.

IN THE SCHOOL OF LIBERAL ARTS (COLLEGE OF ARTS AND SCIENCES AND THE TEACHERS COLLEGE), THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES, THE ACADEMY AND COMMERCIAL COLLEGE

All bills for the entire year are due and payable in advance.

Matriculation (paid only first year)	$ 5.00
Incidental fee	20.00
Library fee	1.00
Athletic fee	1.00
Laboratory fees—Chemistry, Biology and Engineering, each	3.00-5.00
Laboratory fees—Physics and Geology, each	1.00
Room rent, including steam heat and light	25.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order	1.00

IN THE SCHOOL OF THEOLOGY

Matriculation (paid only first year)	$ 5.00
Room rent, including steam heat and light	16.00
Library fee	1.00
Athletic fee	1.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order	1.00

IN THE SCHOOL OF MEDICINE (MEDICAL, DENTAL AND PHARMACEUTIC COLLEGES)

Matriculation (paid only first year)	$ 5.00
Medical College, tuition for the year	100.00

Dental College, tuition for the year	80.00
Pharmaceutical College, tuition for the year	80.00
Library fee	1.00
Athletic fee	1.00

IN THE SCHOOL OF LAW

Matriculation (paid only first year)	$ 5.00
Tuition fee for the year	50.00
Library fee	1.00
Athletic fee	1.00

GRADUATE WORK, GRADUATION AND DIPLOMAS

Fee for the work leading to the degree of Master of Arts	$25.00
Diploma for the degree of Master of Arts	10.00
Diploma for Bachelor's Degree and that of Doctor of Medicine, Pharmacy or Dentistry	5.00
Graduation fee	2.00
Certificates for those who have completed courses which do not entitle them to a degree	2.00

ESTIMATED EXPENSES OF STUDENT FOR ONE YEAR IN THE ACADEMIC DEPARTMENTS

Incidental, Athletic and Library fees	$ 12.00 to	$12.00
Room rent, heat and light	25.00 to	25.00
Board $10.00 per month, about 8 1-3 months	83.00 to	83.00
Laboratory fees in Chemistry, Physics, Biology, and Geology, when the student takes these studies, about	1.00 to	5.00
Entrance fee (first year only)		5.00
Laundry	10.00 to	20.00
Books	6.00 to	15.00
Total	$137.00 to	$165.00

The foregoing does not include clothes and incidental personal expenses, as these vary with the individual. The smaller amount would answer for students in the earlier years, especially in the Academy, when there are no laboratory fees and books are less expensive.

Students should have at least $65 on arrival at the institution. All bills are payable in advance (the first payment for board is to October 31st), and books and other incidental supplies must be purchased at the beginning of the term. Room rent and fees will not be refunded

if a student leaves or if his relation to the University is dissolved from any cause except illness. No student is allowed to board himself in his room, and all who room in Clark Hall or Miner Hall must take their meals in the University dining room, unless excused. The rooms in the dormitories are furnished with bedstead, mattress, chairs, tables and bookcase. All other furnishings, such as towels, sheets, blankets, pillows and pillow-cases, must be supplied by the student. This must not be forgotten, nor should the newcomer overlook the advisability of reaching the institution early in the day, so that his room may be in order for use the first night. Applications for rooms should be made early. A room reservation will not be made for an applicant unless there is advance payment of $12.50 on the room rent.

A deposit of one dollar for safe return of key, and to insure proper care of furniture, etc., is required. Room rent and board for shorter periods will be charged for at a higher rate than the prices named.

Any personal property left by students during term time or vacation in the care of any officer of the University or in any of its buildings or upon its grounds, must be so left at the risk and liability of the owners thereof.

For admission to Miner Hall as a boarder a young woman must be at least sixteen-and-a-half years of age at the opening of the session.

HOW TO ENTER

Before coming to Washington, those desiring to enter the University should invariably write to the dean or secretary of the school they wish to enter, stating clearly what studies they have completed, and what course of study they desire to undertake. Failure to do this may work an ultimate hardship. The applicant should fill out and return blank found on last leaf of this catalogue. The requirements for admission into Howard University are higher than in some southern institutions.

On reaching the city, students intending to enter the School of Medicine (including the Medical, Dental, and Pharmaceutic Colleges), should report at once to Dr. William C. McNeill, secretary, at the Medical Building on Fifth and W Streets; those intending to enter the School of Law, to Mr. James F. Bundy, secretary, at the Law Building, 420 Fifth Street, opposite the Court House. Those who plan to enter other schools will report at the Registrar's Office in the Main Hall on the University campus. On inquiry at the Information Booth at the New Union Station, the student will be properly directed by the official in charge. From the Union Station the campus is most conveniently reached by taking any car going west on the Washington

Railway and Electric Line and transferring at Ninth Street to a northbound Takoma Park, Forest Glen, District Line, Brightwood or Soldiers' Home car.

AIDS TO SELF-SUPPORT

Aid in the form of work in the institution is given to worthy students who need it, so far as funds allow. The energetic, industrious student can always secure employment in some capacity. The boarding houses and hotels about the city offer opportunities for many young men to earn their board and often funds besides. An employment bureau is maintained at the office of the secretary of the Y. M. C. A. to assist students in finding places to work.

EXTRACT FROM MINUTES OF THE BOARD OF TRUSTEES OF HOWARD UNIVERSITY, FEBRUARY 6, 1913.

"*Resolved,* that each faculty of Howard University, other than the medical faculty, shall be composed of its dean, professors, associate professors, and assistant professors, together with such instructors as are appointed for a term longer than one year, all of whom are to teach in the department under the charge of the faculty. Instructors and assistants who are appointed for one year to give instruction in a particular department may attend the meetings and take part in the deliberations of its faculty but shall not vote. The President of the University shall be a member of each faculty."

THE SCHOOL OF LIBERAL ARTS

COMPRISING

THE COLLEGE OF ARTS AND SCIENCES

AND

THE TEACHERS COLLEGE

Each of the above colleges is administered by its own faculty. The two colleges have the same requirements of admission and at present offer the same degrees.

NO STUDENT WILL BE ALLOWED TO ENTER A COURSE DURING THE FIRST SEMESTER LATER THAN THE FIFTEENTH OF OCTOBER.

REQUIREMENTS FOR ADMISSION

Certificates of moral character and letters of honorable dismissal from the school last attended are required of all applicants. Graduates from the Academy of Howard University are admitted on certificate. Graduates from other accredited secondary schools having four-year courses will be admitted without examination, except that all such applicants may be examined in English. Applicants from secondary schools must present a transcript of their scholastic record during their four years' course.

Entrance examinations, when required, will be held during the two days preceding Registration Day. (See Page 3.)

By a unit of secondary work is meant a course of study of one year's duration with recitations of not less than forty-five minutes four times a week for a term of not less than thirty-six weeks.

Applicants for admission to the Freshman class *without condition* must present fifteen units. Applicants who present thirteen units may be admitted *conditioned* in two units. One unit of such deficiency must be made up before the beginning of the Sophomore year. All entrance conditions must be removed by the beginning of the Junior year.*

* See next page.

Single half units will be accepted only in the Sciences and in Civics. Less than two units in Latin will not be accepted in fulfillment of entrance requirements. A single unit in Greek will be accepted only on condition that the applicant continue that study.

PARTIAL COURSE STUDENTS

Candidates who meet all of the requirements for admission, but who do not wish to work for a degree, may be permitted to take selected studies. Such students shall be designated as "Partial Course Students." Candidates for a degree, who, for special reasons, may be allowed to carry less than four courses, shall be listed in the catalogue as partial course students, until they shall have completed at least eighteen units.

LIST OF ENTRANCE UNITS.

One unit in a subject not contained in this list may be allowed credit at the discretion of the Faculty, but no subject will be counted that has been pursued in the grades below the High School.

The requisite entrance units must be chosen from one of the following groups:

GROUP I.	GROUP II.	GROUP III.
English 3	*English* 3	*English* 3
Mathematics ..2	*Mathematics* 2	*Mathematics*...2½
Latin 4	*Latin* 4	*Latin* 2
Greek 2	French.... } 1 or 2	French..... } 1
History 1	German... }	German.... }
Electives 3	History 2	History 2
	Electives ...3 or 2	Science 2
		Electives 2½
15	15	15

Subjects in italics are required.

ELECTIVES.—Botany, Civics, Chemistry, Commercial Geography, History, Physical Geography, Physics, Zoology.

DESCRIPTION OF ADMISSION UNITS

ENGLISH.

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

*Entrance conditions, when practicable, may be made up by pursuing work in the Academy, or under tutors authorized by the Faculty.

ENGLISH GRAMMAR AND COMPOSITION.

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE.

The second object is sought by means of two lists of books, headed respectively, Reading and Study, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(*a*) READING.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1913, 1914, 1915:

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by a semi-colon.

I. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel,

together with the books of Ruth and Esther; the Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Aeneid, The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's Merchant of Venice; Midsummer Night's Dream; As You Like It; Twelfth Night; Henry the Fifth; Julius Caesar.

III. Defoe's Robinson Crusoe, Part I; Goldsmith's Vicar of Wakefield; either Scott's Ivanhoe or Scott's Quentin Durward; Hawthorne's House of Seven Gables; either Dickens' David Copperfield or Dickens' Tale of Two Cities; Thackeray's Henry Esmond; Mrs. Gaskell's Cranford; George Eliot's Silas Marner; Stevenson's Treasure Island.

IV. Bunyan's Pilgrim's Progress, Part I; the Sir Roger de Coverley Papers in the Spectator; Franklin's Autobiography (condensed); Irving's Sketch Book; Macaulay's Essays on Lord Clive and Warren Hastings; Thackeray's English Humorists; Selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's Oregon Trail; either Thoreau's Walden or Huxley's Autobiography and selections from Lay Sermons, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's Inland Voyage and Travels with a Donkey.

V. Palgrave's Golden Treasury (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's Elegy in a Country Churchyard, and Goldsmith's Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's Lady of the Lake; Byron's Child Harolde, Canto IV, and Prisoner of Chillon; Palgrave's Golden Treasury (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley; Poe's Raven, Longfellow's Courtship of Miles Standish, and Whittier's Snow Bound; Macaulay's Lays of Ancient Rome and Arnold's Sohrab and Rustum; Tennyson's Gareth and Lynette, Lancelot and Elaine, and the Passing of Arthur; Browning's Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa-Down in the City.

(*b*) STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon content, form, and style.

For students entering in 1913, 1914, 1915:

Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, and Comus; Washington's Farewell Address and Webster's First Bunker Hill Oration; Macaulay's Life of Johnson or Carlyle's Essay on Burns.

MATHEMATICS

Algebra through Quadratic Equations, one unit (required of all applicants).

Plane Geometry, one unit (required of all applicants).

Solid Geometry, including Spherical Geometry, will constitute a half unit.

Plane Trigonometry, covering the scope of Wentworth's Plane Trigonometry, will constitute a half unit.

Advanced Algebra pursued in secondary schools will not ordinarily be accepted.

GREEK

(a) Greek Lessons and Grammar (one unit).

(b) Four books of Xenophon's *Anabasis,* with Prose Composition, and three books of Homer's *Iliad* (one unit).

LATIN

Two units of Latin include:

(a) Latin Lessons and Grammar.

(b) Four books of Caesar, or equivalent, with Prose Composition, based on text.

Four units include, in addition to (a) and (b):

(c) Six orations of Cicero, including the *Manilian Law,* with Prose Compositions continued (one unit), and

(d) Six books of Vergil's *Æneid,* or equivalent (one unit).

GERMAN

One unit of German requires a full year's work, and should include, besides the mastery of some such grammar as Joynes-Meissner, the reading of about 200 pages of simple narrative prose. Two units include, in addition, a thorough study of German Syntax and the reading of about 400 pages of literature in the form of essays, stories, plays and poems.

FRENCH

One unit of French includes the methodical study of French Grammar and about 200 pages of reading, as found in the ordinary textbook. Two units include, in addition, 400 pages of reading matter, usually found in second-year texts.

HISTORY

General History, the equivalent of Myer's or Sheldon's (one unit); Grecian and Roman History, the equivalent of Myers' *History of Greece* and Leighton's *History of Rome* (one unit); English History, the equivalent of Gardiner's *Student's History of England* (one unit); United States History, the equivalent of Channing's *Student's History of the United States* (one unit); Civics, the equivalent of Fiske's *Civil Government,* or of Andrew's *Manual of the Constitution* or Macy's *Our Government* (one-half unit).

ELEMENTARY PHYSICS

A unit of Physics includes the amount of work indicated by such texts as Avery's, Gage's, or Carhart and Chute's, with laboratory note book.

ELEMENTARY CHEMISTRY

A unit of Chemistry includes General Inorganic Chemistry, as outlined in such texts as Remsen's, Williams' or Shepard's, with laboratory note book.

BIOLOGY

A unit of Biology includes the study of either Botany or Zoology for at least one year, the equivalent of Bergen's *Foundations of Botany* or Linville and Kelly's *Zoology.*

A satisfactory laboratory note book must be presented. Half units in each subject will be accepted.

PHYSICAL GEOGRAPHY OR COMMERCIAL GEOGRAPHY

Credit is allowed to the extent of one-half unit or of one unit, according to the amount of work done.

THE COLLEGE OF ARTS AND SCIENCES

OFFICERS OF INSTRUCTION.

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President.
KELLY MILLER, A. M.,
Dean and Professor of Mathematics.
LEWIS BAXTER MOORE, A. M., Ph. D.,
Professor of General Pedagogy and Philosophy.
GEORGE OBADIAH LITTLE, A. M., D. D.,
Professor of Greek.
GEORGE MORTON LIGHTFOOT, A. B.,
Professor of Latin.
WILLIAM VICTOR TUNNELL, A. M., S. T. B., LL. B.,
Professor of History.
GEORGE WILLIAM COOK, A. M., LL. M.,
Professor of Commercial Law and International Law.
EDWARD LAMAY PARKS, A. M., D. D.,
Professor of Economics and Political Science.
RICHARD EDWIN SCHUH, A. M., Ph. D.,
Professor of Biology and Geology.
HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry.
PERRY BLAINE PERKINS, A. M., Ph. D.
Professor of Physics and Director of the School of Manual Arts and Applied Sciences.
GORDON DAVID HOUSTON, A. B.,
Professor of English.
FLOYD WILLIS FREDERICK, E. E., M. S.,
Professor of Mechanical Engineering.
ERNEST EVERETTE JUST, A. B.,
Professor of Zoology.
ALFRED FRANCIS WILLIAM SCHMIDT, A. M.,
Professor of German.
ALONZO HERTZEL BROWN, A. M.,
Associate Professor of Mathematics.
THOMAS JESSE JONES, B. D., Ph. D.,
Acting Professor of Sociology.

ELIZABETH APPO COOK,
Instructor in French and Spanish.
CHARLES SUMNER SYPHAX, A. B., LL. M.,
Associate Professor of Mathematics.
EDGAR B. KEEMER, Ph. C.,
Assistant Professor of Chemistry.
THOMAS MONTGOMERY GREGORY, A. B.,
Assistant Professor in English.
ERNEST JONES MARSHALL, A. B.,
Instructor in Chemistry.
ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.
JAMES SIMPSON THOMAS, A. B.,
Instructor in German.
HAROLD A. HAYNES, B. S. in E. E.,
Instructor in Electrical Engineering.
ETHEL TREMAIN ROBINSON, Ph. B.,
Instructor in English.
WILLIAM JOHN BAUDUIT, A. M.,
Instructor in Mathematics.
NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Instructor in Chemistry.
HAROLD DeWOLFE HATFIELD, B. S. in C. E.,
Instructor in Civil Engineering.
CLARENCE ALBERT HAYES, A. B.,
Assistant in Physics.
CHRISTOPHER COLUMBUS COOKE, A. B.,
Assistant in Botany.
MOSES CLAYBORNE, A. B.,
Assistant in Zoology.

GRADUATION AND DEGREES.

Students completing 120 units in the classical group will receive the degree of Bachelor of Arts. Those completing 120 units in the Science group will receive the degree of Bachelor of Science.

Students who maintain throughout the four years' course an average standing of 95, are graduated *"Summa Cum Laude"*; those who maintain a standing of 90 are graduated *"Magna Cum Laude"*; those who maintain a standing of 80 are graduated *"Cum Laude."*

GRADUATE WORK.

Graduates of the College of Arts and Sciences of Howard University, or graduates of other institutions whose undergraduate course is equivalent to that required for the degree of A. B. in Howard University, may, on approval by the Faculty, be enrolled as candidates for the Master's degree. The requirements for the degree of A. M. are as follows:

(1) At least one year's resident work at this University.

(2) The selection of a course of study of a homogeneous character and with a definite aim. The work may be done in any department of the University, provided that none of the studies are being offered for any other degree, and at least half the time is spent at the College of Arts and Sciences in advanced work along some one line.

(3) A satisfactory examination on the subject or subjects taken for the degree.

(4) The presentation, not later than May 1st, of two typewritten or printed copies of a satisfactory dissertation on a subject approved by the Faculty.

(5) The payment of an incidental fee of $25.00 per annum, with $10.00 additional for diploma.

GENERAL STATEMENT

The College of Arts and Sciences is the department of the University devoted to the pursuit of liberal studies. Its aim is to inculcate sound principles of knowledge, to awaken enthusiasm for truth and duty and to emphasize the importance of systematic, exact, long-continued and thorough preparation on the part of those who would assume the larger duties and responsibilities of life. There is an unsupplied demand for men of sound and thorough college training in the ministry, in medicine, in law, in teaching, and in the varied pursuits and callings.

The teaching staff of the College of Arts and Sciences comprises 31 professors, instructors and assistants whose time is devoted wholly or in part to work in this Department. These furnish instruction not merely for the students registered in the College of Arts and Sciences but also for the students of the Teachers College, in so far as their work is of an Academic character.

There are systematic and carefully correlated courses in Astronomy, Botany, Chemistry, Commercial Geography, Economics, English Language, English Literature, Ethics, French, Geology, German, Greek, History, International Law, Latin, Logic, Mathematics, Philosophy, Physics, Political Science, Psychology, Spanish, Sociology, and Zoology.

REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF ARTS AND SCIENCES.

See "Requirements for Admission" under School of Liberal Arts, p. 33. All correspondence on matters of admission should be addressed to the Dean of the College of Arts and Sciences.

By a unit of College Work, or hour-unit, is meant one hour a week for one semester. Two laboratory units count as one unit of recitation. Recitations in all subjects, except the Bible, occur three times a week.

THE GROUP SYSTEM

The curriculum is divided into two groups.

1. THE ARTS GROUP, based on classical languages leading to the Degree of Bachelor of Arts.

2. THE SCIENCE GROUP, based on the sciences, leading to the Degree of Bachelor of Science.

Both groups contemplate the same number of units and involve work of the same order of difficulty, thoroughness and range. The Science Group is adapted to meet the requirements of those looking forward to the study of Medicine, Engineering, Agriculture, Science Teaching or special scientific pursuits.

Freshmen and Sophomores desiring to do so, may carry two courses in mathematics at the same time, so as to work off their preliminary mathematics for use in Physics, Chemistry and Engineering.

COMBINATION COURSES.

Students of the College of Arts and Sciences desiring to enter upon professional studies before graduation, who have completed not less than 90 units, may take the studies of the first year in the School of Medicine, Law or Theology of Howard University, provided they can satisfy the stated requirements for admission thereto, and may receive the Degree of A. B., or B. S. upon the satisfactory completion of one year's work in such professional school. The student will thus be enabled to shorten the two degrees by one year.

PRE-MEDICAL COURSE

Requirements for admission to the School of Medicine call for one year's work in College Physics, Chemistry, Botany, Zoology, French or German. The Scientific Group has been so arranged that students contemplating the study of Medicine may find the requisite preliminary courses in the regular schedule of the Freshman class. All such students will be listed in the College of Arts and Sciences and subject to its regulations and discipline. Students enrolled in the School of

Medicine, but conditioned in any of the preliminary subjects, may remove such conditions by attendance and work in regular courses of instruction in the College of Arts and Sciences.

Beginning with 1914, the Medical College of Howard University will require of all matriculants two years of College work in Physics, Chemistry, Biology and a reading knowledge of one modern language besides English. The Science courses of the Freshman and Sophomore years are adapted to meet the requirements of students looking forward to the study of Medicine, either in Howard University or in any Medical School approved by the American Medical Association.

COURSES PRELIMINARY TO THE STUDY OF LAW

The requirements for admission to the School of Law contemplate the completion of a four years' high school course. Students anticipating the study of law, as well as those already registered in the School of Law, who may feel the need of still further strengthening their preliminary foundation may pursue courses in English History, American History, Latin, French, Argumentation, and Political Science, in the regularly organized classes of the College of Arts and Sciences. Courses in Economics, Psychology, History, International Law, Commercial Law, Logic, Ethics and Sociology are open to students of the School of Law as far as they may find time and inclination to pursue them.

PRELIMINARY COURSES IN LATIN AND GREEK.

Beginning with the year 1913-14, preliminary courses of one year's duration will be offered in Greek and in Latin. The course in Greek is intended for those who offer no Greek at all for admission, and, except in the making up of *entrance* conditions, will count three College hours. The course in Latin is adapted to the proficiency of those who have presented only two units at entrance and, except in the making up of *entrance* conditions, will count three College hours. Both of these courses will in *one* year cover the amount of *two* years in secondary work.

COURSES OF STUDY

Freshman Year

Arts Group

Leading to A. B.

English 3	}	
Mathematics 3	} Required	9 hours
Latin or Greek 3	}	

Greek 3 Latin 3 French 3 German 3	Optional 3 hours
Biology 3 Physics 3 Chemistry 3 History 3	Optional 3 hours 15 hours

SCIENCE GROUP

Leading to B. S.

English 3 Mathematics 3 French or German 3	Required 9 hours
Biology 3 Physics 3 Chemistry 3 Mathematics 3	Optional* 6 hours 15 hours

SOPHOMORE YEAR

ARTS GROUP

Leading to A. B.

Latin 3 Greek 3	Optional 3 hours
English Composition 3 French 3 German 3 Latin or Greek 3 English Literature 3	Optional 6 hours
Zoology 3 Botany 3 Physics 3 Chemistry 3 Mathematics 3 History 3 Public Speaking 3	Optional 6 hours 15 hours

SCIENCE GROUP

Leading to B. S.

Botany 3 Zoology 3 Physics 3 Chemistry 3	Optional 6 hours

* One science chosen in the Freshman year must be continued through the Sophomore year. For this purpose, mathematics may be regarded as a science.

Mathematics	3	
English Composition	3	
French	3	Optional 6 hours
German	3	
English Literature	3	
History	3	Optional 3 hours
Mathematics	3	
Public Speaking	3	15 hours

JUNIOR YEAR

ARTS GROUP

Leading to A. B.

Psychology	3	
Economics	3	Optional 3 hours
Astronomy	3	
Geology	3	
French	3	
German	3	Optional 3 hours
Latin	3	
Greek	3	
English Literature	3	
Economics	3	Optional 3 hours
History	3	
Astronomy	3	
Argumentation	3	
English Literature	3	
Economics	3	
History	3	
History of Education	3	
Commercial Law*—International Law* ...	3	
Commercial Geography*	1½	
Logic*—Ethics*	3	
Psychology	3	Elective 6 hours
Geology	3	
Physics	3	15 hours
Chemistry	3	
Biology	3	
Latin	3	
Greek	3	
French	3	
German	3	
Spanish	3	
Public Speaking	3	

SCIENCE GROUP

Leading to B. S.

Psychology	3	
Economics	3	
Astronomy	3	Optional 3 hours
Geology	3	
French	3	
German	3	Optional 3 hours
Chemistry	3	
Biology	3	Optional 3 hours
Physics	3	
Astronomy	3	
Argumentation	3	
English Literature	3	
Economics	3	
History	3	
History of Education	3	
Commercial Law*—International Law*	3	
Commercial Geography*	1½	
Logic*—Ethics*	3	
Psychology	3	Elective 6 hours
Geology	3	—
Physics	3	15 hours
Chemistry	3	
Biology	3	
French	3	
German	3	
Spanish	3	
Public Speaking	3	

Senior Year

ARTS GROUP

Leading to A. B.

Philosophy	3	
Political Science	3	Optional...0 or 3 hours
Sociology	3	
Philosophy	3	
Political Science	3	Elective..15 or 12 hours
Sociology	3	—
Junior Electives		15 hours
In Professional Schools	15	

SCIENCE GROUP

Leading to B. S.

Biology	3	Optional...0 or 3 hours
Physics	3	
Chemistry	3	
Philosophy	3	Elective..15 or 12 hours
Political Science	3	
Sociology	3	—
Junior Electives		15 hours
In Professional Schools	15	

DESCRIPTION OF COURSES

A course in any subject ordinarily contemplates the pursuit of that subject for one year, recitations occurring three times a week. The year course is understood unless otherwise designated.* Where courses extend throughout the four years, the numbers (I, II, III, IV) are understood to correspond to the Freshman, Sophomore, Junior, and Senior years, respectively.

All Freshman courses are designated (I) and all Sophomore courses (II). Where there are more than four courses in any one subject, they are not necessarily consecutive or dependent. Two half-year courses are usually so adjusted that the student need not change his schedule during the year. The student may, with approval of the Committee on Electives, choose preceding courses, but will not ordinarily be allowed to anticipate courses.

ENGLISH.

PROFESSOR HOUSTON, ASSISTANT PROFESSOR GREGORY, MISS ROBINSON AND MR. POLLARD.

The aim of the Department of English is two-fold: first, to teach the student to give adequate written and oral expression to his thoughts; second, to develop the student's culture and broaden his outlook. A study of literature, therefore, forms an essential part of all the courses in Composition, and practice in composition forms an essential part of all the courses in Literature.

ENGLISH I.—*Composition.*—This course is prescribed for all Freshmen. It is designed to give a drill in the use of correct and intelligible

*Half-year courses are starred.

English and practice in the different forms of discourse. One-page themes, first on a limited range of subjects and later on a much wider range, are brought in on every day the class meets. In addition to such written work, longer themes of at least three pages, affording practice in the different forms of discourse, are required fortnightly. These longer themes are returned in conference, at which time individual instruction is given. Prescribed books of widely different range are read outside the class. The texts prescribed are Hill's *"Principles of Rhetoric"* and Pearson's *"Principles of Composition."* Professor Houston, Asst. Professor Gregory, Miss Robinson and Mr. Pollard.

ENGLISH II. (*Advanced Composition.*)—This course is open to all students who have passed in English I. It includes the theory of composition, examination of representative styles, and practice in writing English. One long theme of at least three pages is required monthly. Shorter themes and reports are required at the pleasure of the instructor. Conferences are held monthly. Texts: Clark's *"A Study of English Prose Writers"* and Manly's *"English Prose."* Professor Houston and Mr. Pollard.

ENGLISH III. (*Argumentation and Debating.*)—This course is open to students who have passed in any two courses in English. It is designed to train the student in logical and systematic methods of thought. It emphasizes the framing of propositions, study of evidence, generalization and analysis, methods of refutation, and construction of briefs. Practice is given in debating. At least one long written exercise is required monthly. Conferences are held monthly. Text: Baker and Huntington's *Principles of Argumentation.* Assistant Professor Gregory.

LITERATURE.

LITERATURE I. (*English Literature.*)—This course is open to all students who have passed in English I. It covers the history and development of English Literature in outline from the earliest times to the present day. Stress is laid on masterpieces of prose and poetry; and outside readings are so arranged as to accompany the class-room work. The same long theme assigned monthly in English II is assigned in this course. Conferences are held monthly. This course and English II may be taken, with much profit, the same year. Professor Houston and Mr. Pollard.

LITERATURE II. (*American Literature and the Novel.*)—(Two distinct semester courses)—This course is open to all students who have

passed in English I. The history of American Literature is traced from the earliest times to the present day. A study is made of both the prose and poetry. The history of the novel is traced from the Arthurian romance to the present day. Long themes are required Conferences are held monthly. Texts: Wendell and Greenough's *"American Literature,"* Page's *"The Chief American Poets,"* Cross' *"Development of the English Novel."* Assistant Professor Gregory.

LITERATURE III. (*The Elizabethan Drama.*)—This course is open to Seniors and Juniors who have passed in Literature I or Literature II. It deals with the development of the English Drama from the Miracle and Mystery Plays to the closing of the theatres. An extensive and critical study is made of Shakespeare's plays. A long theme requiring considerable research work is passed in once a month. Conferences are held monthly. Texts: Boas's *"Shakespeare and His Predecessors";* Woodbridge's *"The Drama; Its Law and Technique,"* and Neilson's *"The Chief Elizabethan Dramatists."* Professor Houston.

PUBLIC SPEAKING—This course is open only to Senior and Juniors. It is designed to train the student's voice and to give him practice in Public Speaking. Some practice is given in public reading, but the course deals chiefly with the delivery of original speeches, both prepared and extemporaneous. Texts: Baker's *"The Forms of Public Address"* and Winter's *Public Speaking, Principles and Practice.* Assistant Professor Gregory.

MATHEMATICS AND ASTRONOMY

PROFESSOR MILLER, ASSOCIATE PROFESSORS BROWN AND SYPHAX

I. (a) Solid Geometry. Books VI, VII, and VIII, of Wentworth's *New Plane* and *Solid Geometry.* Special emphasis is laid upon original propositions and practical numerical problems.

ASSOCIATE PROFESSOR SYPHAX.

I. (b) Plane Trigonometry. The trigonometric functions, trigonometrical analysis, solution of the right and oblique triangle, etc., with numerous problems. Wentworth's *Plane Trigonometry.*

PROFESSOR MILLER, ASSOCIATE PROFESSORS BROWN AND SYPHAX AND MR. BAUDUIT.

I. (c) Surveying and field work. Practice in the use of, determination of heights, triangulation, measurement of areas, leveling and plotting.

MR. HATFIELD.

I. (d) Spherical Trigonometry. Solution of the right and oblique spherical triangle, with applications to geography and astronomy. Wentworth's *Spherical Trigonometry.*

Professor Miller, Associate Professor Brown and Mr. Bauduit.

II. (a) Advanced Algebra. Arithmetrical progression, geometrical progression, binominal theorem, choice, chance, logarithmic series, theory of equations, etc. Wentworth's *College Algebra.*

Professor Miller and Mr. Bauduit.

II. (b) Analytical Geometry. The straight line, circle, parabola, ellipse, hyperbola, higher plane, curves and geometry of three dimensions. Nichol's *Analytical Geometry.*

Professor Miller and Associate Professor Brown and Mr. Bauduit.

III. (a) Differential Calculus. Methods of differentiation, expansion of functions into series, indeterminate forms, application to mechanics. Nichol's *Calculus.*

Professor Miller and Bauduit.

III. (b) Integral Calculus. Fundamental formulus of integration, lengths of curves, areas, volumes, moments of inertia, etc. Nichol's *Calculus.*

Professor Miller and Mr. Bauduit.

Differential Equations.

Mr. Bauduit.

IV. Astronomy—Descriptive and Mathematical—Based on Newcomb's *Astronomy* and Young's *General Astronomy.*

Professor Miller.

All Freshmen are required to take Plane Trigonometry during the first semester. At the beginning of the second semester those who did not offer Solid Geometry for admission are required to take that subject, while the others continue with Spherical Trigonometry. All other courses in mathematics are elective. Engineering students must take mathematics six times a week through the Freshman and Sophomore years. This privilege is also offered to any student in the Science Group.

GREEK

Professor Little

A. *Introductory Greek,* Xenophon: First Semester: *Introductory Greek.* Second Semester: Selections from Xenophon's *Anabois,* cover-

ing the equivalent of four books. Course A is preliminary, and is open to those who have entered college without any preparation in Greek. It counts as three college units except in the case of those who are conditioned in entrance Greek. 5 times a week.

I. Boise and Freeman's *Selections from Greek Authors,* Herodotus, Thucydides, Xenophon's *Memorabilia,* Plato's *Phaedo,* Demosthenes *Third Olynthaic.*

These authors as well as the events of which they write are arranged in chronogical order, but this is not necessarily followed in the class. It is customary to begin with Xenophon's *Memorabilia*—then turn back to the new Ionic of Herodotus with selections from Book VIII.—The Battle of Salamis,—then take up the later Attic of Demosthenes.

II. and III. In the advanced classes Plato's *Apology* and *Crito* are read first then Demosthenes *De Corona* or some of the books of Homer's Iliad or Odyssey.

LATIN.

PROFESSOR LIGHTFOOT.

A. Cicero. Vergil: First Semester: Four to six orations of Cicero. Second semester: Four to six books of Vergil. Course A is preliminary and is open to students who have entered college with only two years of preparation in Latin. It counts as three college units except in the case of those who are conditioned in entrance Latin. Four times a week.

I. Cicero, Livy and Latin Prose Composition: The aim of this course is three-fold: (1) To develop in the student the power to read Latin, (2) to promote his appreciation of Latin Literature, and (3) to study the development of the Subordinate Clause in Latin. To this end two hours a week during the first semester will be devoted to the rapid reading of Cicero's *De Senectute* and *De Amicitia,* and one hour a week to the study of the Subordinate Clause based upon Part I of Gildersleeve and Lodge's *Latin Prose Composition.* During the second semester the study of Roman prose style will be continued by reading Burton's *Selections from Livy.* Lectures will be given on the History of Latin Literature. During the year the members of the class will be required to prepare papers on the Latin Subordinate Clause as well as upon some topic in Roman history suggested by the selections from Livy. (Freshman Course.)

II. Horace and Tacitus: The work during the first semester will be based upon selections from Horace's *Odes, Epodes, Satires* and *Epistles,* and will include in connection with the Odes a careful study of the principal meters as well as frequent references to the influence of Horace upon English Literature. In connection with the Satires, the students will be required to present papers on the origin and devolopment of Roman Satire. The work in Tactus during the second semester will consist in reading the *Germania* and *Agricola* and the study of the Imperial period of Roman history.

(Junior and Sophomore elective course open only to those who have taken Latin I.)

III. Plautus, Terence, Pliny, Tacitus: Roman Comedy will be studied during the first semester. The class will read the *Captivi* and *Trinummus* of Plautus and the *Adelphoe* or *Phormio* of Terence. Papers will be required on the origin and development of Roman Comedy and the influence of Plautus and Terence upon the modern drama. Several lectures will be given in connection with this course. In the second semester selections will be read from the more important *Letters* of Pliny. There will also be sight reading from the *Annals* of Tacitus, books XI-XVI, as well as a brief study of Latin Inscriptions based upon Egbert's *Inscriptions* and Allen's *Remnants of Early Latin.*

(Open to Juniors and Sophomores who have taken Latin I.)

NOTE.—This course alternates with Latin II.

IV. Juvenal, Vergil: Selections from Juvenal's *Satires* will be read during the first semester together with a study of Roman customs. During the second semester the time will be devoted to the reading and study of those portions of Vergil not ordinarily read in secondary schools. *Aeneid, Books VII-XII,* the *Eclogues* and the *Georgics*: A somewhat detailed study will be made of the manuscripts of Vergil, the *Aeneas Legend,* the influence of Vergil in the Middle Ages and upon modern literature. Intended as a culture course and for those who expect to become teachers of Latin in secondary schools. (Open only to those who have taken Latin I and II.)

HISTORY

PROFESSOR TUNNELL

I. History of Western Europe: This course traces the history of Europe from the downfall of the Roman Empire to our own day.

Starting with a discussion of the heritage of Rome and the migration of the races, the epochs of mediaeval and modern Europe are passed in review and the salient facts and features emphasized. Selection is made of the eminent political, social, juristic, ecclesiastic, humanistic and other germinal forces and movements which explain modern Europe and give the key to the comprehension of present European states and politics.

II. English History: The aim of this course is to concentrate attention upon the growth of Anglo-Saxon institutions and to trace the varied phases and influence of English civilization. The various invasions are shown in their effects upon the fusion of the races, the blending of the tongues and in the modifications of the life, customs, laws and characteristics of the people. Emphasis is placed on the rise of parliamentary government, the struggles against despotism, the winning of the great charters, the growing power of the people, the extension of the Empire and the development and diffusion of the principles of constitutional government, social growth, industrial progress, the advancement of science, education, art, religion and the whole cycle of influences of which English civilization is the symbol.

III. American History: A comprehensive survey of the great germinal facts and forces of American institutions and the principles and motives that underlie and interpret the crises of our national life. Special emphasis is placed upon documents with other authoritative sources and materials.

In all these courses each student is required to make special study of some assigned epoch or movement and present a thesis to be read in class. Elective. (Open to Seniors and those who have completed Courses I or II.)

IV. History of the Reconstruction Period: An intensive study of the critical period immediately preceding and subsequent to the Civil War. The political, social, economic and sectional issues and influences are briefly reviewed. Amendments XIII, XIV and XV to the Constitution, together with the various Reconstruction Acts of Congress are critically studied, also the incidents in the several States. The aim is to give a clear conception of the new birth of the Nation and to ascertain the readjusted rights, liberties, immunities, obligations and duties of the emancipated and enfranchised race. Being essentially a course of patient, critical investigation of documents and monographs the seminar method will be followed. (Open to students who have taken two courses in History, of which Course III must be one.)

FRENCH AND SPANISH

Miss Cook

FRENCH

I. The work of the first year consists in laying a broad foundation, intended as a preparation for advanced classes, but is sufficiently broad and comprehensive to enable the student to perfect himself in conversation, composition, literary and scientific reading, without further class room assistance. Texts: Colin and Sérafon's *Practical Lessons in French Grammar* and Josselyn's *Elementary Reader of French History.*

II. The work of the second year deepens and extends that of the first. Texts: Syntax—Edgren's *French Grammar.* Reading—Foncin's *"Pays de France"* (Edited by Muzzarelli). Victor Hugo's *"Notre Dame de Paris,"* Extracts *Super's Reading from French History."* Fortier's *"Napoleon."*

III. Texts: (1) Xavier de Maistre's *"Voyage autour de ma Chambre."* (2) Souvestre's *"Un Philosophe sous les toits,"* (3) Lamartine's *"Meditations."* A diary in French forms a part of this course, besides other works in composition, also conversation.

IV. A Course in French Drama. Texts: Illustrating (1) the Classic French Drama, Moliere's *"Tartuffe"* and Corneille's *"Le Cid,"* (2) The Transition, Dumas' *"Henri III et sa Cour,"* and (3) the Romantic French Drama, Victor Hugo's *"Hernani,"* Coppee's *"Lutier de Cremone."* The composition of this course will be the formal French adapted to polite letter writing, business communication or diplomatic correspondence. (All courses in French are elective, open to all who are prepared for them.)

SPANISH

Courses in Spanish have been introduced to meet the practical demands in connection with growing opportunities in Spanish-speaking countries and in our own colonial possessions. The technical and natural methods are combined; ample drill is given in pronunciation, grammar and composition, along with reading, dictation and conversation. As in French the work of the second year is a continuation of that of the first. I. Texts: Marion and Des Gareunes' *Introduccion á la Lengua Castellana;* Carter and Malloy's *Cuentos Castellanos.* II. Texts: E. C. Hill's *Spanish Grammar;* Remy's *Spanish*

Composition; Hills and Reinhardt's *Seven Spanish Stories;* Cabello's *Un Servilon y un Liberalito.* (Elective; open to Juniors and Seniors, and to others by special arrangement.)

GERMAN

PROFESSOR SCHMIDT AND MR. THOMAS.

The work of this department is designed to give those students who may not elect either Latin or Greek in their college course, the mental discipline that a classical language usually affords, to enable students in the sciences to read understandingly works and authorities in German, and to help develop in those who may elect German as a cultural study an intelligent appreciation of German literature, life, and thought.

I. Elementary German: The essentials of the grammar, translation of easy prose and poetry, turning into German of simple connected discourse, and dictation. This course is the equivalent of the elementary German of the college entrance requirements, the ground covered being that of a two years' course in approved secondary schools. Texts: Thomas's *German Grammar;* Hewett's *German Reader;* and Pope's *German Prose Composition.*

II. Second Year German: Contemporary German in the first semester, classical in the second. One hour a week through the year is devoted to prose composition and dictation.

This course is the equivalent of the advanced German of the college entrance requirements, and is open only to students who have passed German I, or have satisfied the entrance requirement in elementary German: Texts: Baumbach's *Der Schwiegersohn;* Schiller's *Jungfrau von Orleans;* Collmann's *German poetry;* Pope's *Writing and Speaking German.*

III. Scientific and Historical German: This course is designed to prepare students in the sciences, in history and economics to read with facility standard treatises in the German and to keep abreast of their respective specialties through the medium of technical and professional journals. German II prerequisite.

IV. Advanced German: The aim of this course is to introduce the student to the spirit of the classical German drama and to give him an insight into the life and times of the author read. One hour a week is devoted to prose composition, the discussion of grammatical and syntactical questions of a more involved character, idioms, synonyms, and dictation as preparatory to conversation.

This course is open to students who have passed German I and II or have satisfied the entrance requirement in advanced German, the equivalent of a four years' course in the high school. Texts: Lessing's *Nathan der Weise;* Schiller's *Braut von Messina;* Goethe's *Iphigenie;* and Pope's *Writing and Speaking German.*

V. Conversation and Advanced Composition: This course is designed not only for students who desire to speak German, but also for those who intend to teach it. While the course is conducted principally in German, one hour a week is devoted exclusively to systematic conversation, and the remaining periods respectively to the translation into German of essays and more difficult narrative, and the discussion of and drill in syntax and idioms. It is open to students who have passed German III or IV or who may have otherwise satisfied the instructor of their fitness to take it.

VI. Goethe's *Faust.* Reading and Interpretation. Lectures, essays, and discussions. Open only to students who have passed German III or IV. Not given in 1913-14.

Courses V and VI are given in alternate years.

PHYSICS

Professor Perkins and Mr. Hayes.

I. General Physics: Three hours per week throughout the year, covering mechanics of solids, liquids and gases, and the phenomena of heat, electricity, sound, and light. This course is intended to furnish a good foundation for the study of pure or applied science. It also presents in an elementary way those principles relating to the physical world which are regarded today as essential to a liberal education. So far as possible, the lectures are illustrated by experiments. Prerequisite, Mathematics offered for admission.

II. General Laboratory Physics: Two periods of two hours each, laboratory work, with one hour per week lecture, throughout the year. This course includes a large number of experiments on the subjects of mechanics, heat, sound, light, electricity and magnetism, and is especially adapted to students with an elementary knowledge of mathematics, who wish to become familiar with methods of measurements with instruments of precision. No particular text is used. Prerequisite, Physics I, and Elementary Mathematics.

III. Introduction to Theoretical Physics: Three hours per week, lecture and recitation throughout the year. Among the subjects con-

sidered, dynamics, thermodynamics, vector analysis, kinetic theory of gases, theory of light, theory of electricity and magnetism. Prerequisite, Differential and Integral Calculus.

IV. Electricity and Magnetism: Three hours per week throughout the year. This course is especially adapted for electrical engineering students, and covers the theory of the direct and alternating current generators and motors, static and rotary transformers, the storage battery, and electric lighting. Prerequisite, Physics I and II, Differential and Integral Calculus.

V. Advanced Laboratory Physics: Six hours per week throughout the year. A laboratory course in electricity and magnetism to be taken with Physics IV. In addition to accurate measurements, using various standard units, this course will include the testing of generators, motors, rotary converter, transformers; measurements of power and efficiency; study of the characteristic curves of various machines; armature winding; detection of faults in windings, etc.

VI. Seminar: One hour per week, required of all students doing advanced work, in which papers will be read and reports made on articles occurring in the scientific magazines.

VII. Research work, requiring a thesis, twelve hours per week.

VIII. Theoretical Mechanics: Three hours per week during the year, lectures and recitation. Especially adapted to the needs of engineers. Text: Jean's *Theoretical Mechanics.* This course will be supplemented by six weeks' work in those types of Differential Equations, especially applicable to Physics, Physical Chemistry and Engineering. Text: Osborne's *Examples of Differential Equations.*

CHEMISTRY

Professor Scurlock

Assistant Professor Keemer, Mr. Marshall and Mr. Adams.

I. General Inorganic Chemistry. Lectures, recitations, quizzes, and black-board exercises throughout the year, two hours per week.

Laboratory:

Experiments in General Inorganic Chemistry. First Semester.

Elementary Qualitative Analysis. Second semester.

II. Advanced Qualitative Analysis. First semester.
The preparation and purification of Inorganic compounds. Second semester.

This is mainly a laboratory course, but there is also class-room work, and study of an adopted text-book is required.

III. Quantitative Analysis. An elementary course which includes both gravimetric and volumetric methods. Students electing this course should allow as much time as possible for their laboratory periods. Course I, or its equivalent is prerequisite.

IV. Elementary Organic Chemistry. Lectures and recitations twice a week throughout the year.

Laboratory:

The practical work includes the preparation of some of the more simple important compounds, and the study of the characteristic reactions of classes of organic substances, as well as of individual members.

Four hours per week are required for the laboratory, but if possible students should arrange to give more time,—about eight hours.

V. Organic Methods. A laboratory course dealing with the preparation and purification of organic substances, also, their synthesis and analysis. The course requires at least twelve hours per week. Conferences are frequently held.

Course IV is prerequisite, and only those students who have shown during the course their ability to prosecute this work can be accepted in this course.

VI. Physical Chemistry. At present this is a lecture and recitation course only, dealing with the leading principles of physical chemistry, and suitable for prospective teachers, engineers, medical students, and advanced students.

Chemistry I, and Physics I and II are prerequisite.

VII. Food Chemistry. A lecture course dealing with the composition, and physiological relations of food and food control.

Prerequisites, Chemistry I and Chemistry IV.

VIII. Food Analysis. A laboratory course. Exercises in the analysis of milk, and milk products, edible oils, cereals, prepared foods, canned goods, etc.

Prerequisites, Chemistry III and IV.

IX. Advanced work in any of the above courses may be arranged for, such work consisting mainly of laboratory exercises and conferences. Before a student may be admitted to a course under this number he must satisfy the Department that he is able to undertake the work chosen.

BIOLOGY AND GEOLOGY

PROFESSOR SCHUH AND PROFESSOR JUST AND MR. CLAYBORNE.

The following courses are recommended to three classes of students: (1) to those who have an interest in the natural sciences; (2) to those who intend to teach them; (3) to all who desire to pursue the study of medicine. All are elective.

BOTANY

I. Elementary Botany: A brief oversight of the vegetable kingdom. Both morphology and physiology will receive emphasis. A course intended to train the student in the use of the microscope and to prove helpful to those intending to teach, or to study Medicine or Pharmacy. (May be taken in connection with Zoology I.)

Text: Bergen and Davis's *Principles of Botany.*

PROFESSOR SCHUH.

II. Advanced Botany: A course on the anatomy and physiology of the higher plants, and in the classification, structure and life-history of the various types of cryptogams. Special attention is given to those of economic interest. (Open to all who have completed Botany I or its equivalent.)

Text: Coulter, Barnes and Cowles's, *Text-book Botany, Vol. I.*

PROFESSOR SCHUH.

ZOOLOGY

I. General Zoology: An introductory course designed to lay a broad foundation of the general principles of zoology as a part of a liberal education or as a preparation for the study of Medicine. Structure, life-histories, and physiology of typical animals are studied in the laboratory. (Open to Freshmen; may be taken with Botany I.)

PROFESSOR JUST.

II. Invertebrate Zoology: Comparative anatomy, physiology, and embryology of invertebrates, with attention to the inter-relation of Phyla. While the type method of study will prevail, a number of ex-

amples will be studied to show adaptations of animals to their particular lives. Forms of economic interest, including parasites of man, will be considered in this course. Prerequisite: Zoology, I.

Parker and Haswell's Text-book of Zoology, Vol. II.

PROFESSOR JUST.

III. Vertebrate Zoology: A comparative study of vertebrate structure, with attention to the histology and the physiology. The course will include laboratory study of the tunicates and amphioxus and of examples of the other vertebrate classes. This course is recommended to those who are especially interested in Zoology, and to those who wish to lay a foundation for the study of human anatomy, physiology, and psychology. Prerequisite: Zoology I.

Parker and Haswell's Text-book of Zoology, Vol II.

PROFESSOR JUST.

IV. Histology: A study of the structure of the cell, the comparative histology of animal tissues, and an outline of the structure of the systems of various animals, including a vertebrate type. (Junior and Senior elective). Prerequisite: Two courses in Zoology.

Dahlgren and Kepner's *Principles of Animal Histology.*

PROFESSOR JUST.

V. Vertebrate Embryology: (a) An introduction to V b. Recitations, demonstrations, and laboratory work. Prerequisite: Zoology I and III.

Lillie: *The Development of the Chick.*

PROFESSOR JUST.

(b) Comparative Embryology of Vertebrates.

PROFESSOR JUST.

GEOLOGY

I. Elementary Geology: A synoptical course in dynamic, structural and historical Geology. Though thorough, it is popular in its methods, and aims to aid teachers in giving instruction in physiography and geography as well as in more formal Geology. It is advisable that Botany I and Zoology I precede it. (Junior elective). Text: Brigham's *Text-book of Geology.*

PROFESSOR SCHUH.

II. Advanced Geology: A more extended and systematic account of the earth's past history, of its physical aspects, and the forces by which its present condition has been attained. Attention is given to economic Geology, and about 3,000 specimens of fossils and minerals are available for the use of students. (Open to all who have completed Geology I or its equivalent.) (Senior Elective.) Text: Chamberlin and Salisbury's *College Geology.*

PROFESSOR SCHUH.

SOCIAL SCIENCE

PROFESSOR PARKS, PROFESSOR MILLER AND ACTING PROFESSOR JONES

Economics: A general survey of the facts, history, principles, theories, and rapidly growing literature. Emphasis is placed on the facts, fundamental principles, and laws. Present conditions and problems are studied, and current economic events, movements, and tendencies are discussed. Emphasis is placed upon the study of the condition of the masses, their needs, the relation of their economic to their educational. aesthetic, moral, and social life.

The study of the text book is supplemented by class-room lectures with required notes, readings, theses, and discussions.

Text: Ely's *Outlines of Economics.*

Political Science: A course in the general principles with illustrations from history and a comparison of the present leading states and their governments, followed by a special study of the government of the United States, including the federal government, the state governments, and municipal and local governments. While due attention is given to the structure of the government of the United States, emphasis is placed upon the study of the vital forces and practical working of our American system and of its present tendencies and living issues.

Great emphasis is placed upon the study of the history of the development of democracy with its present tendencies, current political progress in the various states of the world, and the close connection between the rapidly developing economic life and the new and ever-changing political problems.

The text books are supplemented by class-room lectures with required notes, readings, theses, and discussions.

Texts: Gettell's *Introduction to Political Science;* Bryce's *American Commonwealth.*

PROFESSOR PARKS.

(a) Theories of Social Progress. (b) Practical Social Questions. The stress of emphasis is placed upon present day Social problems. Texts: Small and Vincent's *Introduction to the Study of Society;* Wright's *Practical Sociology.*

PROFESSOR MILLER.

SOCIAL STATISTICS AND SOCIAL WELFARE

The purpose of this course is:

(1) To acquaint the student with the statistical method of interpreting social phenomena; (2) To afford experience in the field work of social research; (3) To give actual practice in real uplift work in behalf of all classes.

PROFESSOR JONES.

PHILOSOPHY AND PSYCHOLOGY.

PROFESSOR MOORE

I. Psychology. (a) Elementary: General survey of conscious processes and explanation of modern methods of scientific investigation—classification of mental functions with examination of the physical basis of mental states. (Elective.)

(b) Advanced: More extensive study of special subjects such as attention, association, imagination, thought, apperception, instinct, will and habit. The work is conducted by lectures, text-books, and reports or short papers on assigned topics. Texts: Baldwin, Angell and James.

II. Logic*: Elements of deductive and inductive logic, nature of reasoning, conditions of proof, training in clear reasoning and a comprehensive grasp of scientific method. The course will show the relation of logic to psychology and the general theory of knowledge.

III. Ethics*: This course will aim to treat Ethics as a descriptive and normative science and to show its applications to the solutions of problems of conduct. A survey will be made of ethical theories—origin and authority of moral law, nature and function of conscience—modern problems and their ethical aspects. Text: Tuft's *Ethics.*

IV. History of Philosophy: General survey of the principal philosophic systems with a critical study of certain modern types of thought—consideration of the important problems of modern philosophy from the vantage ground of the history of civilization. Text: Weber's *History of Philosophy.*

INTERNATIONAL LAW AND COMMERCIAL LAW

PROFESSOR GEORGE WILLIAM COOK

International Law*: This is a suggestive course through which to gain a knowledge of the historic advance and development of the law of nations, and of the sources of definite information regarding the relations between nations, expressed in congresses, conventions, treaties and declarations as established in accepted usages and rules of action land down in decided cases.

Commercial Law*: This course is designed to supply a pressing need of those entering into life's activities, and will be treated so as to give a student the practical knowledge of the requisites in business affairs, to enable him legally both to protect his own property rights, and to respect those of others.

The work will be pursued in an elementary manner under the following heads: General Principles of Law, Contracts, Negotiable Paper, surance, Real Estate Transfers.

TEACHERS COLLEGE

FACULTY AND INSTRUCTORS

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President.
LEWIS BAXTER MOORE, A. M., Ph. D.,
Dean and Professor of Philosophy and Education.
WILLIAM C. RUEDIGER, A. M., Ph. D.,
Professor of Educational Psychology.
THOMAS W. TURNER, A. M.,
Professor of the Teaching of Biological Sciences.
ALONZO HERTZEL BROWN, A. M.,
Associate Professor of the Teaching of Mathematics and Science.
ALAIN LEROY LOCKE, A. B., Litt. B.,
Assistant Professor of the Teaching of English; Instructor in Philosophy and Education.
WALTER DYSON, A. M.,
Instructor in History and Civics.
ETHEL TREMAIN ROBINSON, Ph. B.,
Instructor in English and Literature.
MARTHA MacLEAR, A. M.,
Instructor in Elementary Education; Director of Kindergarten Training Department.
ERNEST JONES MARSHALL, A. B.,
Instructor in Physical Education and Hygiene.
WILLIAM R. WILLIAMS, A. B., Pd., B.,
Instructor in Physiography and Food Products.
*
KELLY MILLER, A. M.,
Professor of Mathematics.
GEORGE OBADIAH LITTLE, A. M., D. D.,
Professor of Greek.

* Courses offered by the following Professors and Instructors are open to students of the Teachers College and constitute a part of their regular course of study.

GEORGE MORTON LIGHTFOOT, A. B.,
Professor of Latin.
WILLIAM VICTOR TUNNELL, A. M., S. T. B., LL. B.,
Professor of History.
GEORGE WILLIAM COOK, A. M., LL. M.,
Professor of Commercial Law and International Law.
EDWARD LAMAY PARKS, A. M., D. D.,
Professor of Economics and Political Science.
RICHARD EDWIN SCHUH, A. M., Ph. D.,
Professor of Biology and Geology.
HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry.
PERRY BLAINE PERKINS, A. M., Ph. D.,
Professor of Physics.
GORDON DAVID HOUSTON, A. B.,
Professor of English.
ERNEST EVERETT JUST, A. B.,
Professor of Zoology.
ALFRED FRANCIS WILLIAM SCHMIDT, A. M.,
Professor of German.
THOMAS JESSE JONES, B. D., Ph. D.,
Acting Professor of Sociology.
ELIZABETH APPO COOK,
Instructor in French and Spanish.
CHARLES SUMNER SYPHAX, A. B., LL. M..
Associate Professor of Mathematics.
THOMAS MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.
ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.
JAMES SIMPSON THOMAS, A. B.,
Instructor in German.
WILLIAM JOHN BAUDUIT, S. M.,
Instructor in Mathematics.
NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Instructor in Chemistry.

STATEMENT OF AIMS.

The aim of this college is to provide thoroughly prepared teachers for High Schools, Normal Schools, Academies, Elementary Schools, In-

dustrial or Trade Schools, and Kindergartens. It is not a Normal school, but a college of education and takes academic rank with Colleges of Arts and Sciences in its scholastic work and with schools of Medicine, Law and Theology in its professional work. It provides for the following classes of students:

(1) Well advanced and ambitious teachers wishing preparaton for principalships and professorships in colleges and Normal Schools. (2) College students intending to teach one or more special subjects in High School and who, while working for the bachelor's degree, desire especial equipment in education and teaching. (3) Persons preparing to teach in elementary schools and kindergartens, and those preparing to teach special branches, such as Manual Training, Domestic Science and Domestic Art and Music. (4) Mature teachers wishing to familiarize themselves with new methods or to master new branches. (5) College graduates who have not had advantage of the latest and best work in modern education and who desire to become professional teachers. (6) Persons who not desiring to follow teaching as a profession, may wish to pursue the study of education for the purpose of aiding in the general educational reform and the uplift of the community as members of Boards of Educaton, School committees, etc. Such persons of both sexes will find the study of education of immense advantage to them.

ADMISSION.

Admission to the Teachers College is obtained by furnishing certificates of good moral character, letters of honorable dismissal from the school last attended, and evidences of having completed successfully an accredited High School course of four years. For fuller explanation see complete University catalogue pp. 33-38.

ADVANCED STANDING.

Applicants who offer collegiate courses or professional courses from normal schools in excess of the requirements for admission may be given advanced standing; but in no case shall such credit be recognized unless it rests on pre-collegiate preparation offered by the four years' course in an accredited high school.

TEACHERS' EMPLOYMENT BUREAU.

The college maintains a bureau under its direction to assist students and graduates in securing positions as teachers and, at the same time,

to aid superintendents and boards of education in securing competent teachers. For information, address the Dean of the Teachers College.

SCOPE OF WORK.

COLLEGE COURSES.

FOR TRAINING TEACHERS OF HIGH SCHOOLS, NORMAL SCHOOLS, AND ACADEMIES.

The courses of the Teachers College give a broad and thorough preparation, both scholastic and professional, to men and women desiring to teach in high schools, normal schools and academies. Being one of the colleges af the School of Liberal Arts, its work is co-ordinated with that of the College of Arts and Sciences, and students of both colleges, in much of their scholastic work, recite in the same classes and pursue the same courses. In the Freshman and Sophomore years, sufficient differentiation is made to prepare students of this college for the Junior and Senior years, which contain much of professional work. Thirty units are required for the completion of one year's work. In the process of teaching, the method is particularly adapted to those who propose to become teachers, *it being borne in mind that he who studies a subject for the purpose of teaching, must have a different viewpoint and method of approach, as well as mental attitude, from the one who studies simply to acquire. Differentiation in method, therefore, as well as content is essential.*

DEGREES AND DIPLOMAS.

On the completion of the undergraduate course of four years, or one hundred and twenty semester hours, the University confers the degree of Bachelor of Arts or Bachelor of Science. Those who have taken the course in the *Arts Group* and have in addition satisfied the required work in Education and teaching, will receive the degree of Bachelor of Arts and the Bachelor's Diploma in Education. Those electing the *Science Group,* in a similar manner, will receive the degree of Bachelor of Science and the Bachelor's Diploma in Education.

The work of the College divides itself into an Arts Group for those taking Latin or Greek, leading to the Bachelor of Art's degree, and a

Science Group, for those taking French or German, leading to the degree of Bachelor of Science.

Upon the completion of two years of a full course, the University confers a diploma appropriate to the course pursued for that length of time.

DISTINCTION AT GRADUATION.

Students who maintain throughout the four years' course an average standing of 95, are graduated "Summa Cum Laude;" those who maintain a standing of 90 are graduated "Magna Cum Laude;" those who maintain a standing of 80 are graduated "Cum Laude."

GRADUATE WORK.

Graduates of the Teachers College, the College of Arts and Sciences of Howard University, or of institutions whose undergraduate course is equivalent to that of this institution may on approval of the faculty, become candidates for the degree of Master of Arts and the Master's Diploma in Education. At least one year of resident study is required in advance of requirements for the Bachelor's degree. Each applicant for graduate registration is considered on his or her merit and definite requirements made by the faculty.

REQUIRED COURSES FOR BACHELOR'S DEGREE AND BACHELOR'S DIPLOMA IN EDUCATION

Professional Requirements:

Education B.	History of Education	4 units.*
Education 51.	Principles of Education	3 units.
Education 52.	Principles of Teaching	3 units.
Education A.	Educational Psychology	3 units.
Education 107.	Secondary Education	3 units.
Education 108.	Elementary Education	3 units.
Education 53-54.	Observation and Practice Teaching	3 units.

Each student is required to elect 6 units from the following subjects:

Education 61-62.	The Teaching of English	4
Education 63-64.	The Teaching of History	4
Education 55-56.	Child Psychology	3
Education 67-68.	The Teaching of Modern Languages	4
Education 64-66.	The Teaching of Mathematics	4
Education 71-72.	The Teaching of Science	4
Education 69 .	The Teaching of Latin in High Schools	2

COURSES OPEN TO GRADUATES AND APPROVED SENIORS.

Education 101-102.	School Administration and Supervision..	4
Education 105-106.	Advanced Educational Theory	4
Education 103-104.	Problems in Modern Education	4
Education 109.	Biology and Education	2

GENERAL REGULATIONS.

All regular students must complete, during their college course, at least 18 units in a major subject, and at least 12 units in a minor subject. As a major, any of the following academic subjects or groups of subjects may be chosen: English, Latin, Greek, French, German, Mathematics, Physical Science, Biological Science or History, including Economics and Political Science. As a minor, choice may be made of any one of the above subjects or of Education, Psychology, and Philosophy.

The Bachelor's diploma in Education may be granted to graduates of approved colleges upon the completion of at least one year's work in residence and the satisfaction of the requirements specified on page 67 under Professional Requirements, Required Electives, General Regulations.

The Master's Diploma in Education may be granted in connection with the Master of Arts Degree, provided the candidate has taken a major or minor in Education and has satisfied the requirements specified on page 68 under Professional Requirements and Required Electives.

CONSPECTUS OF TEACHERS COLLEGE COURSE OF STUDY.

NOTE.—Courses numbered 1 to 50, and A, B, C, etc., are open to Freshmen and Sophomores; 50 to 100 are Junior subjects; 100 and above are Senior and Graduate studies.

EDUCATION

I. THEORY AND PRINCIPLES OF EDUCATION.

1. Education 51. Principles of Education.
2. Education 52. Principles of Teaching.
3. Education 101-102. School Administration.
4. Education 53-54. Practice Teaching.

EDUCATION

II. EDUCATIONAL PSYCHOLOGY.

1. Education A-1. General Psychology.
2. Education A-2. Educational Psychology.
3. Education 55-56. Genetic and Child Psychology.
4. Education 57-58. Advanced Educational Psychology.

III. HISTORY AND PHILOSOPHY OF EDUCATION.

1. Education B. General History of Education.
2. Education 103-104. History of Education in America.
3. Education 105-106. Philosophical Basis of Educational Theory.
4. Education 59-60. Logical and Sociological Bases of Education.

IV. KINDERGARTEN EDUCATION.

1. Education 1-2. Kindergarten Principles.
2. Education 3-4. Gifts and handwork.
3. Education 5-6. Songs and Games.
4. Education 7-8. Kindergarten Theory and Practice.

V. EDUCATION 107. SECONDARY EDUCATION.

VI. EDUCATION 108. ELEMENTARY EDUCATION.

VII. TEACHING OF ENGLISH LANGUAGE AND LITERATURE.

1. Education 61-62. The Teaching of English.
 (1. Elementary.)
 (2. Secondary.)
2. English A. Required of Freshmen, Literature and Composition.
3. English B. English Speech and Usage.
 (Teachers course in advanced composition.)
4. English C. Reading and Story telling.
5. English D. Reading and Speaking.
 (Practical Course.)
6. English 51-52. Type forms or English Literature.
 or
7. English 53. Comparative Literature in English.

ENGLISH E. BIBLICAL LITERATURE AND HISTORY.

VIII. THE TEACHING OF HISTORY.

1. Education 63-64. The Teaching of History in Elementary and High Schools.
2. History A. The History of Ancient and Medieval Civilization.
3. History B. Modern European History.
4. History 51-52. The Literature of American History.

IX. THE TEACHING OF MATHEMATICS.

1. Education 65-66. The Teaching of Elementary and Secondary Mathematics.
2. Mathematics A. Solid Geometry.
3. Mathematics B. Trigonometry.
4. Mathematics C. Practical Mathematics.
5. Mathematics 51-52. History of Mathematics.

X. THE TEACHING OF LANGUAGE.

I. MODERN LANGUAGES.

(*a*) Education 67-68. Teaching Methods.
(*b*) French (French A.) (French B.)
(*c*) German (German A.) (German B.)

II. ANCIENT LANGUAGES.

Education 69. The Teaching of Latin in Secondary Schools.

XI. THE TEACHING OF SCIENCE.

1. Education 71-72. The Teaching of Nature Study.
2. Science A. Natural History.
3. Science B. Principles of Botany.
4. Science C. Geography and Physiography.
5. Science 51. Economics and Micro-biology.
6. Education 109. Biology and Education.

XII. THE TEACHING OF FINE ARTS.

1. Fine Arts A. (Music.)
2. Fine Arts B. (Drawing.)

XIII. THE TEACHING OF PRACTICAL ARTS.
- Manual Training A. & B.
- Domestic Art A. & B.
- Domestic Science A. & B.

XIV. PHYSICAL EDUCATION.
1. Education 73. School Hygiene.
2. Physiology.
3. Physical Training.

SYNOPSIS OF COURSE OF STUDY.

FRESHMAN YEAR.

Prescribed Courses:

English A. 6 units.
French A. or German A. (Science Group) 6 units.
or
Latin or Greek* (Arts Group) 6 units.
English E. 6 units.

Electives in the following subjects to total 30 units:

Science A.	Practical Arts A.	*Latin.
Science B.	Practical Arts B.	*Greek.
Science C.	Fine Arts A.	*Zoology.
Mathematics A.	Fine Arts B.	*History.
Mathematics B.	Kindergarten Education, 3-4.	*Chemistry.
French.	Kindergarten Education, 5-6.	
German.	English C.	
History.		

SOPHOMORE YEAR.

Prescribed Courses:

Psychology 6 units
English or History 6 units.
French or German (Science Group) 6 units.
or
Latin or Greek (Arts Group) 6 units.
Science 6 units.

Electives in the following subjects to total 30 or 36 units:

History B.
Mathematics B.
Mathematics.
Fine Arts A.
Fine Arts B.
Science C.
Education 1-2.
Education 7-8.
*Chemistry.
*Greek.
*History.
*Latin.

NOTE.—Starred (*) courses are courses open to Teachers College students in other departments of the University.

JUNIOR YEAR.

N. B. At the beginning of the Junior year, the student is expected to choose a major subject for specialization, in which he must complete, before graduation, at least 18 units of work, and a minor subject in which he must complete at least 12 units of work.

Prescribed Courses:

Education B. History of Education 6 units.
Education 52. Principles of Teaching 3 units.
Education 51. Principles of Education 3 units.
Education 59-60. Logical and Sociological Bases of Education 6 units.

Electives to total 30 or 36 units:

Education 55-56. Child Psychology.
Education 1-2. Kindergarten Education.
English 51-52. English Literature.
English D. English Speaking.
Education 63-64. (Hist.)
Education 65-66. (Math.)
Education 71-72. (Science).
*Economics.
*Botany.
*Chemistry.
*French.
*German.
*Greek.
*Argumentation.
*Latin.
*Spanish.
*Zoology.

NOTE.—Starred (*) courses are courses open to Teachers College students in other departments of the University.

SENIOR YEAR.

Prescribed Courses:

Education 53-54. Observation and Practice Teaching.... 3 units.
Education 107. Secondary Education 3 units.
Education 108. Elementary Education 3 units.

Electives:

English 53. Comparative Literature.
Education 101-102. School Administration.
Education 67-68. Teaching of Modern Languages.
Education 69. Teaching of Ancient Languages.
Education 71-72. Teaching of Science.
Education 103-104. History of American and Negro Education.
Education 109. Biology and Education.
*Botany.
*Chemistry and International Commercial Law.
*Economics.
*Greek.
*History.
*Political Science.
*Physics.
*Zoology.

NOTE.—Starred (*) courses are courses open to Teachers College students in other departments of the University.

POST-GRADUATE WORK.

Graduate students choosing a major or minor in Education are required to make selection from the following, the amount and nature of the seclections depending upon previous work done in Education:

History of Education.
Problems in Modern Education.
Administration and Supervision.
Biology and Education.
Principles of Education.
Principles of Teaching.
Advanced Educational Theory.

DESCRIPTION OF COURSES OF STUDY.

EDUCATION.

Professor Moore, Miss MacLear and Professor Ruediger.

I. THEORY AND PRACTICE OF EDUCATION.

Education 51. *Principles of Education:* This course is devoted to the study of the bases, aims, values, essential content and administration of education as revealed by biological, psychological, sociological

and ethical principles. Prerequsite: General and Educatonal Psychology, History of Education.—Professor Ruediger.

Education 52. *Technique of Teaching:* This course considers the application of the facts and principles of psychology and logic to the teaching process. Special attention is given to the various lesson types, to moral training, to motor education, and to class management. Prerequisites: General and Educational Pyschology; History of Education.—Professor Ruediger.

Education 101-102. *School Administration and Supervision.* This course is designed for principals, supervisors and teachers who wish to prepare themselves for supervision and administration. It aims at a wide perspective view of organization and management for those who must direct the more serious readjustment now being made in our school systems with increasing rapidity. The course is conducted by lectures, reports, and discussions dealing with the organization of school systems, work of school boards, superintendents, principals, and teachers, relation of the national government and the state to education, the economics of administration, school legislation, compulsory education and school hygiene.—Dr. Moore.

Education 53 and 54. *Observation and Practice Teaching:* Through the harmonious relations existing between the Teachers College and the public school system of Washington, the students are provided with excellent opportunities for observation under guidance, but the major portion of the time is given to the teaching of classes under actual school conditions. Prerequisites: Secondary Education, Elementary Education.

II. Educational Psychology.

Education A. *Elementary Psychology:* This course takes up the general study of mental processes. It is introductory to all work in philosophy and pedagogy, and is an important part of one's equipment for historical and literary study. It aims to train the student to observe and interpret his own experiences and those of others. A text book is used as a guide; lectures, assignments, and reports are frequent.—Dr. Moore.

2. *Educational Psychology:* This course studies the facts of Psychology with reference to the particular problems presented to the teacher. Emphasis is given to the idea that all good teaching must agree with psychological laws, but that the knowledge of these laws is no guarantee of good teaching.—Professor Ruediger.

Education 55-56. *Child Psychology:* This course on the physical and

mental development of children is supplementary to the prescribed course in general and educational Psychology. It presents facts concerning the nature and development of the child mind during childhood and adolescence, with special reference to the meaning of these facts to the teacher.—Miss MacLear.

Education 57-58. *Advanced Psychology:* This course presupposes a familiarity with the subject matter of psychology such as may be gained from an acquaintance with Angell's *Psychology,* James' *Briefer Course,* Titchener's *An Outline of Psychology,* or Royce's *Outlines of Psychology.* It is a continuation of the elementary course in this subject with a view to a more adequate consideration of the scope and methods of the subject and a more intense study of special problems in the light of recent investigations.—Dr. Moore.

III. History and Philosophy of Education.

Dr. Moore, Miss MacLear, Assistant Professor Locke.

Education B. History of Education: The design of this course is to develop in the student breadth of view by treating the history of education as a vital part of the history of civilization. It includes also an account of political and social theories in so far as they affect education. Prerequisite: General Psychology.—Miss MacLear.

Education 103-104. *History of Education in America:*

a. The first part of this course deals with the evolution of the public school systems of the states and cities, the various types and grades of schools—public, private and denominational. It discusses the recent reforms and present tendencies in American education.

b. The Education of the Negro: The second part of this course is given to the development of the Negro in America under the influence of Education. It studies the educational forces of the ante-bellum period, the work of societies and churches, the organization and development of schools for Negroes at the close of the Civil War, the various types of schools, their curricula and methods of administration, their re-adjustment to present sociological conditions and tendencies. Each student is assigned one topic for special investigation. Lectures, assigned readings, and reports.—Dr. Moore.

Education 105-106. *The Philosophical Basis of Educational Theory:* A comprehensive course in the historcal and comparative study of education theory as showing the progressive stages in the philosophical, cultural and social aims and significance of education. The educational classics from Plato and Aristotle to Herbert, Pestalozzi and Spencer

will be reviewed, and since all the great philosophies have pedagogical reference, the course is equivalent to a history of Philosophy from the Pedagogic (teacher's) point of view.—Dr. Moore, and Assistant Professor Locke.

Education 59-60. *The Logical and Sociological Bases of Education:* 1st Semester. The Problem of teaching as logical method, a study of applied logic, Deductive, Inductive, and Genetic, as it concerns the teacher and the practical problems of the classroom.

2d Semester. A systematic study of the relation of the school and education to Society and a study of the social ends and aims of education. The function of the school as modified by modern social and democratic ideals, and the practical efforts of modern education as a corrective agency over social conditions, especially with a view to the special demands of handicapped social classes, will be given special attention.—Assistant Professor Locke.

2. *Ethics and Moral Standards in Education:* A course in theoretical and practical Ethics, with special attention in the second semester to the moral standards and aims of education, including the question of direct and indirect moral training in the schools.

IV. Kindergarten Education.

Education 1 and 2. *Kindergarten Theory:* This course is based on a study of Froebel's *Education of Man, Mother Play, Pedagagics of Kindergarten and Education by Development.* In addition, readings in modern educational theory will be required.—Miss MacLear.

Education 3 and 4. *Gifts and Handwork:* This course is intended to give a mastery of the gifts and materials used in the Kindergarten by means of lectures, discussions, essays and practical work.—Miss MacLear.

Education 5 and 6. *Songs and Games:* Lectures, practical playing of games and the study of Kindergarten songs.—Miss MacLear.

Education 7 and 8. *Kindergarten Principles and Practice:* This course deals with practical work in the kindergarten, as well as a study of material available for use in the kindergarten and the making of typical programmes.—Miss MacLear.

Education 108. *Elementary Education:* Lectures and required readings. The object of this course is to present to the class special methods in teaching English, Geography, Arithmetic and History, for use in the primary and grammar grades. Prerequisites: Psychology and the Principles of Teaching, History of Education. All students electing

this course must leave one forenoon hour free for practice teaching.—Miss MacLear.

Education 107. *Secondary Education:* Matter and method in high schools. While some time is given to the study of the functions and administration of secondary education, most of it is devoted to the study of the values, content, and methods of teaching the various high school branches. Each student is required to investigate thoroughly some phase of secondary education and present his findings to the class. Prerequisites: History of Education, Principles of Education, Technique of Teaching.—Dr. Ruediger.

VII. The Teaching of English Language and Literature.

Assistant Professors Locke and Gregory, Miss Robinson.

Education. 61-62. *The Teaching of English.*

(*a*) The English Curriculum Of The Elementary School.

A half course in the detailed study of the elementary school course in English, with especial emphasis on methods of teaching. Such general questions as the problem of the place and value of the vernacular in education, the unity of the English branches, the conflict of modern with the traditional methods, will be discussed.

(*b*) The English Curriculum of The Secondary School.

A half course in the teaching of High School English, treating specifically the problems of the correlation of secondary with elementary school English, the teaching of the English Classics, and the problems of the development of the study of formal composition. The Uniform College Entrance Requirements in English will be studied and discussed, and used as a standard for the High School curriculum.

Texts: Chubb: The Teaching of English.
Baker and Carpenter: The Teaching of English.

Assistant Professor Locke.

2. English A. Composition and Literature.

An introductory course in Practical Composition and Literary Analysis reading; the types of composition selected will parallel the theme work which is the basis of the course.

Assistant Professor Locke and Miss Robinson.

3. English B.

ENGLISH SPEECH AND USAGE FOR TEACHERS.

A course in the essentials of English grammar, syntax, and idiom,

treated both historically and systematically, and with a view toward perfecting a technical and standard knowledge of English, such as is necessary to effective teaching of the subject. Laboratory work in English composition, and corrective methods in English training.

Assistant Professor Locke.

4. English C. Reading and Story-telling.

Stories and Story Material: This course gives a general survey of appropriate literature for children, including folk and fairy-tales, history stories, nature stories, fables and poems; and works out a classification of this literature for purpose of reference, through discussion and demonstration of the principles underlying the selection and presentation of stories to children. It aims also to group the stories for this part of her work.

Miss Robinson.

5. English D. Reading and Public Speaking.

A course in oral interpretation and training of teachers in articulation, manner, class-room presentation, deportment, and the training of others in oral expression on a sound phonetic basis, are especially emphasized.

Assistant Professor Gregory.

6. English 51-52. Type-Forms of English Literature.

This is a course in the development of appreciation and critical standards. It attempts a survey of the principles forms of literature, such as the epic, the lyric, the ballad, the conte, the novel, the short story, and the like, on a background chiefly of English literature, with a view to establishing an appreciative and comparative basis for the teaching of the English Classics.

Theses, reading, and lectures.

Assistant Professor Locke.

7. English E. Biblical Literature and History.

This course is intended for those who teach or expound the Bible and for those who read it as one of the masterpieces of universal literature. Questions of theology or of historical criticism are avoided. The aim is to familiarize the student with the general composition of the Bible, to study the conditions under which each was written, to discuss the literary forms of the Scriptures such as History, Lyric and Epic poetry, Wisdom, Literature, Prophecy, and Forms of Address. Comparison of Biblical literature with other great literary productions.

President Newman and Dean Moore.

VIII. The Teaching of History.

Professor ————————, and Mr. Dyson.

Education 63-64. The Teaching of History in Elementary and High Schools.

This course discusses the place of History in the Elementary and secondary school in the United States and other countries. The educational aims and values of the subject, the selection and use of text-books, aids in historical instruction, the preparation of material for class use, practical work in observation and criticism of teaching exercises. A comparison is made between the older and newer laboratory methods and the general problems of dealing with the subject.

Professor ————————.

2. History A. History of Ancient and Medieval Civilization.

Mr. Dyson.

3. History B. Modern European History.

Professor ————————.

4. History 51-52. Literature of American History.

A course in Bibliography and source of American History designed especially for the teaching of history in the grammar grades and the High Schools. The value of representative text and the use of collateral material in such teaching is given special consideration.

Professor ————————.

IX. The Teaching of Mathematics.

Associate Professor Brown.

Education 65-66.

THE PEDAGOGY OF MATHEMATICS.

Education 65. The Teaching of Mathematics in the Elementary School.

This course aims to give the student a comprehensive grasp of the theory and practice of teaching mathematics in the elementary school. The course concerns itself with questions such as: The history of teaching methods in arithmetic; present-day methods of arranging and presenting the subject-matter; modern improvements in technique; the critical study, grade by grade, of a typical course of study in arithmetic; the status of arithmetic from the standpoint of psychology and education, etc. Lectures, discussions and recitations on assigned topics. Chief text-books: Smith's *"Teaching of Arithmetic"* and Suzzallo's *"The Teaching of Primary Arithmetic."*

Associate Professor Brown.

EDUCATION 65. THE TEACHING OF MATHEMATICS IN SECONDARY SCHOOLS.

A study of the pedagogical and educational aspects of high school arithmetic, algebra, geometry, and trigonometry. The following topics will receive the chief emphasis; the aim and function of mathematics in the curriculum; a brief historical survey of the development of the subject-matter, and of the methods of presenting the same in the schools; a rapid review of typical portions of the subjects; the fundamental concepts of algebra and geometry; modern tendencies in evaluating and presenting the subject-matter. Special text-books: Smith's *"The Teaching of Elementary Mathematics"* and *"The Teaching of Geometry."*

Prerequisites: one unit of college mathematics.

Associate Professor Brown.

MATHEMATICS A. TEACHERS' COURSE IN SOLID GEOMETRY.

The laboratory method will be largely used in this course. Special attention will be given to the development of the formulae and to the practical application of the subject. The subject-matter of Wentworth's *Solid Geometry,* Books VI, VII and VIII will be covered.

One semester.

NOTE.—Each student must be provided with mathematical instruments.

MATHEMATICS B. TRIGONOMETRY AND SURVEYING.

In this course the concepts and formulae of trigonometry will be approached from the graphical viewpoint, by the use of scaled drawings, tables, polar paper, etc. Most of the problems of elementary surveying will be included in the course, and the practical use of the chain, plane table, water level and the transit will be taught. Considerable attention will be given to plotting. Wentworth's *Plane and Spherical Trigonometry.* Course II is required for admission to this course.

One semester.

Associate Professor Brown.

MATHEMATICS C. PRACTICAL MATHEMATICS.

A semi-professional course intended primarily for students who are specializing in mathematics and wish to develop skill and facility in computation. Some of the topics treated are as follows: The graphical use of coordinate paper; the practical determination of areas, volumes, etc.; the correction of errors; rates of increase; methods of computation in general, including the theory of construction and use of the transit, slide rule, planimeter, sextant, etc. No special text necessary.

Texts for reference: Cracknell's *"Practical Mathematics,"* Sexelby's *"Practical Mathematics,"* Ormsby's *"Practical Mathematics,"* etc.

Associate Professor Brown.

MATHEMATICS 51-52. HISTORY OF MATHEMATICS.

This course aims to outline, in a general way, the historical development of the elementary branches of mathematics—arithmetic, algebra, geometry, and trigonometry—from ancient times to the present. The course is recommended to those who plan to teach mathematics, tracing, as it does, the historical origin and development of modern mathematical methods of teaching and thinking. Lectures, recitations, readings on assigned topics. Texts: Ball's *"A Short History of Mathematics,"* Fink's *"A Brief History of Mathematics."*

Prerequisites: one unit of college mathematics.

Associate Professor Brown.

X. THE TEACHING OF LANGUAGES.

Professor ————————.

1. Education 67-68. The Teaching of Modern Languages.
2. French A. Elementary French.
 French B. Advanced French Grammar and Composition.
3. German A. Elementary German.
 German B. Advanced German.

EDUCATION 69. THE TEACHING OF LATIN IN SECONDARY SCHOOLS.

This course includes a systematic study of Latin syntax, lectures on the principles of Latin pronunciation, prosody and other matters connected with the teaching of Latin such as the selection and arrangement of matter as texts and the place and value of the teaching of the classics in secondary education.

Professor ————————.

XI. THE TEACHING OF SCIENCE.

Professor Turner and Mr. Williams.

EDUCATION 71-72. TEACHING OF NATURE STUDY.

This course will consist of lectures, discussions, readings, laboratory and out-door work. It will deal with the aims, materials, and graded courses of *nature study, school gardening* and *elementary agriculture.* It is designed especially to meet the needs of teachers of the elementary schools, but may be elected by others who desire to gain a more intimate acquaintance with the realm of nature for the sake of culture.

Professor Turner.

(2) Science A. Biological Nature Study.

ANIMAL AND PLANT NATURAL HISTORY.

This is a general course in the nature study of common plants and animals. It is arranged to meet the demands of teachers of Nature Study and Biology as well as to give information to the general student.

The names, life-histories, habits, relation to man, and other facts of popular interest concerning living organisms are given special attention. Such topics as trees, forestry, wild flowers, birds, insects, domesticated animals and others important in nature study will be studied in laboratory and field as far as practicable.

The first half year is devoted to the study of animals and the second half to a study of plants. Both half years should be elected by those who are looking forward to teaching as a profession.

Professor Turner.

(3) Principles of Botany.

This course aims to present largely through laboratory exercises the fundamental principles of Botany. The higher plants are traced in their development from seed to flower; special effort being made to correlate the study of the morphology and physiology of the various parts.

The morphology, evolution and classification of the cryptogams will be studied briefly. Throughout this course the economic relations of Botanical study, the work of the higher and the lower plants in nature will be emphasized.

Professor Turner.

Science C. (4) Geography and Physiography.

(*a*) Physiography.

This is a general advanced course treating of the physical features of the earth's surface and the conditions under which natural forces act and influence man and his environment. It includes elements of Meteorology, involves use of simple instruments and the preparation and study of weather maps. A brief course in Petrology is given to to enable the students to recognize familiar rocks.

(*b*) The second part of this course is given to the study of the influence of Geography on American history, showing the inter-relation between physical conditions and the development of civilization.

(*c*) Teaching of Geography in Elementary and Secondary Schools.

This course consists of a detailed study of the subject matter of

secondary school courses; it deals with the problems of teaching Geography, with special emphasis on laboratory work.

Mr. Williams.

SCIENCE D. (5).

ECONOMIC MICROBIOLOGY.

This course is designed to give the pupil a larger acquaintance with the structure, life history and economic importance of the common micro-organisms which affect our daily lives, such as bacteria, yeasts, moulds, and other fungi in the home and home environment, including those which cause diseases of cultivated plants. It will consider in detail the relation of micro-organisms to the industries of brewing, vinegar making, tanning, dairying, the preservation of foods, and agriculture, as well as to the problem of health and disease.

Professor Turner.

(6) EDUCATION 109. BIOLOGY AND EDUCATION.

This is an advanced course and presents the leading facts and generalizations of Biology. It is a study of the educational significance of the principles of evolution, heredity, embryology, and general physiology. It will give a part of the time to the teaching of Biology in secondary schools

This course is open to graduates and to seniors who satisfy the instructors as to their preparation. One semester.

Professor Turner.

XII. TEACHING OF FINE ARTS.

Associate Professor Brown and Miss Childers.

FINE ARTS A. MUSIC.

This course gives a knowledge of music as used in schools. It involves the learning of common notation; the choice of rote songs; the training of school choruses, and a discussion of the problems involved in the teaching of the subject.

(For a full explanation of courses in Music open to Teachers College students, see courses under Conservatory of Music.)

FINE ARTS B. DRAWING.

The work of this course is intended to prepare teachers to illustrate by an appeal to the eye, the work of their schools. No attempt is made to produce artists, the course being simply designed as an aid in the teaching process.

XIII. Manual Training.
Domestic Art.
Domestic Science.

Students are referred to the courses in these subjects under the Department of Manual Arts.

XIV. Physical Education.

Professor Turner.

Hygiene.

(*a*) VI. Physiology: A general but thorough study of the body. This course is designed for students who intend teaching physiology in secondary schools or entering upon the study of biological science. Illustrative material consists of drawings, casts, models, skeletons and occasional fresh preparations.

(*b*) VIII. Hygiene. This course considers the body as a whole and is presented with a view toward preserving and improving the health of the human organism. The topics for discussion include ideals of health influencing different people; economic aspects of hygiene; causes of weakness, degeneration, injury and disease; prevention of disease and improvements of health by hygienic means.

EXTRA CURRICULUM ACTIVITIES.

In addition to the required work of the curriculum many opportunities are open to students for the development of their literary, physical and religious life. A splendid library is maintained by the Unversity. Athletics are encouraged and literary societies and clubs conducted by the students with the encouragement of the faculties of the University. A large vested University Choir, Glee Club, University Band and Orchestra give opportunities for specific development in these lines. The Y. M. C. A. and Y. W. C. A., Temperance societies and Culture clubs are maintained by the students of the college.

The expenses of living in Washington are small in comparison with the many opportunities offered here and self-help is encouraged.

For further information concerning the Teachers College, address, President of the University, or Dean L. B. Moore.

THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES

FACULTY.

STEPHEN M. NEWMAN, D. D.,
President
PERRY B. PERKINS, Ph. D.,
Director
FLORENCE A. SCHUH,
Instructor in Domestic Arts
HELEN B. IRVIN,
Instructor in Domestic Science
HAROLD D. HATFIELD, B. S. in C. E.,
Instructor in Woodworking—Surveying and Civil Engineering
HAROLD A. HAYNES, B. S. in E. E.,
Instructor in Drawing and Electrical Engineering
HERBERT D. MEYERS, A. B.,
Instructor in Forging

GENERAL STATEMENT

The School of Manual Arts and Applied Sciences furnishes thorough courses in Manual Training, Domestic Arts, Domestic Science, and Engineering. Its work is correlated with that of other departments of the University. It thus furnishes facilities for instruction in Manual Training and Engineering to a large number of students in those departments.

EQUIPMENT

The department has for its use a well-lighted, three-story building, in which the Printing Office, storage rooms and blacksmith shop occupy the first floor; the office of the director, and the Woodworking Room the second floor; the Drawing, Domestic Arts, and Domestic Science departments commodious rooms on the third floor. The entire building is lighted by electricity, and supplied with steam heat from the central heating plant of the University. Power is furnished for the

machines by electric motors. The woodworking room is equipped with twenty-four individual manual training benches, with rapid action vices, and complete sets of woodworking tools. Fifteen turning lathes have also been installed, and a Hobbs' buzz planer and jointer. A Hobbs' surface planer and Hobbs' double saw bench have recently been added to the equipment of this room, as well as an Oliver band saw.

In order to furnish accommodations for the rapid growth of the work of the various departments and make possible the introduction of the Engineering Sciences, a new building 100 by 40 feet has been built and occupied.

The Domestic Arts department occupies commodious rooms on the third floor of the new building.

The University Printing Press has been placed on a modern basis and provides an excellent training school for those who wish to learn printing as a profession. This purpose is realized by general and basic instruction in those things which each year it is becoming more difficult for an apprentice to obtain in the restricted and specialized conditions of the modern work shop. The course of study includes book, commercial and advertising composition, cylinder and platen press work. The school is equipped with an Optimus press, Golden "Jobber No. 9" press, and smaller presses, Roman and display types of up-to-date faces and the usual facilities of a modern office. In addition to the class work, employment is given to a number of students in printing.

In the blacksmith shop will be found the usual equipment including six forges with forced draft, anvils, heavy shears for cutting iron, machine lathe, emery wheel, etc.

GENERAL INFORMATION

All special fees in the School of Manual Arts and Applied Sciences have been abolished. For regular fees, see Expenses, page 29. The requirements for admission to the higher courses in Manual Arts, Domestic Arts and Domestic Science and to Engineering are the same as those for admission to the courses in Teachers College and the College of Arts and Sciences or an equivalent. These require the completion of the four years' work or its equivalent in our Academy or some reputable high school. A certificate will be given on completion of the two years' course. Academy courses are also offered in Domestic Arts and Domestic Science to students who have completed the first year's work in the Academy or its equivalent. All courses are correlated with other departments of the University.

A two years' Course for the Teachers College means the com-

pletion of at least thirty points of work, fifteen each year. A point of work means two hours of laboratory or shop work, or one hour of lecture or recitation work each week during the school year. The courses provide for a thorough technical training, lectures, readings, recitations, and investigations in each subject studied.

COURSES FOR TEACHERS COLLEGE.

MANUAL ARTS.

FIRST YEAR.

	Points
*Psychology and History of Education	3
*English	3
Study of materials, tools, methods	2
Woodwork (Manual Arts 5)	2
Woodcarving (Manual Arts 6)	2
Printing (Manual Arts 2)	2
Venetian Iron and Sheet Metal Work (Manual Arts 7)	1
Mechanical Drawing	2

* Given in Teachers College.

SECOND YEAR

	Points
*Philosophy of Education	3
Advanced Woodwork (Manual Arts 9)	2
Pattern Making (Manual Arts 10)	1
Costs and Plans of Equipment (Manual Arts 11)	2
Forging (Manual Arts 12)	2
Machine Drawing and Design (Mechanical Drawing)	2
Theory and Practice of Teaching Manual Arts (Manual Arts 13)	3
Advanced Wood Turning (Manual Arts 8)	1

DOMESTIC ARTS

FIRST YEAR.

	Points
*Psychology and History of Education	3
*Chemistry	3
Freehand Drawing	1
Basketry, weaving and cord work (Domestic Arts 1a)	1

Model and simple needlework (Domestic Arts 1b)	1
Foods and cookery (Domestic Science 1)	3
Drafting and garment making (Domestic Arts 3)	3
*English	3

SECOND YEAR.

	Points
*Philosophy of Education	3
Theory and Practice of Teaching Domestic Arts (Dom. Arts 7)	3
Study of textiles (Domestic Arts 2)	2
Millinery (Domestic Arts 5)	1
Household art design and needlework (Domestic Arts 6)	3
Dressmaking (Domestic Arts 4)	3

COURSES FOR ACADEMY.

DOMESTIC ARTS.

FIRST YEAR.

The same as the studies in the Junior Academy.

SECOND YEAR.

	Hours
English	4
Chemistry	5
Drawing	2
Latin	4
Domestic Art I (a)	2
Domestic Art III	2
Domestic Science I	3

THIRD YEAR.

English	4
German	4
Biology	4
Drawing	2
Domestic Art I (b)	2
Domestic Art V	2
Domestic Art II	1

DOMESTIC SCIENCE.

FIRST YEAR.

The same as the studies in the Junior Academy.

SECOND YEAR.

	Hours
Domestic Science I	6
Domestic Science II	1
Emergencies	1
Elementary Chemistry	5
Biology	4
English	4
Latin	4

THIRD YEAR.

Advanced Cooking	6
Chemistry	5
Physiology	3
Home Economics	1
English	4
German	4

FOURTH YEAR.	
Psychology	3
History of Education	3
Methods	1
Practice in Teaching	2
Domestic Art IV	6
Domestic Art VI	2
German	4

FOURTH YEAR.	
Psychology	3
Methods	2
Practice in Teaching	2
Dietetics	1
Sanitation	1
Physiography	3
English	4
German	4

MANUAL TRAINING.

FOR ACADEMY CLASSES.

All students in the Junior and Sub-Middle years of the Academy are required by the trustees to give four hours each week to Manual Training, not, however, for the purpose of learning a trade, but for its value in a general education. The day for the Sub-Middle Class is Thursday, from 10 to 12 A. M., and 1 to 3 P. M. The Juniors have the same hours on Friday, with classes on Monday and Wednesday, when the numbers make it necessary.

JUNIOR CLASS.

	Points
Freehand Drawing	1
Woodwork (Manual Arts 1)	1
Printing (Manual Arts 2)	1
Basketry and simple garment making (Domestic Arts 8)	1
Domestic Science (Domestic Science I)	1

SUB-MIDDLE CLASS.

Wood turning (Manual Arts 2) (Prerequisite Manual Arts 1)	1
Mechanical Drawing (Prerequisite Freehand Drawing)	1
Forging (Manual Arts 4)	1
Millinery (Domestic Arts 5)	1
Domestic Science (Domestic Science II)	1

DESCRIPTION OF COURSES

DOMESTIC ARTS

MRS. SCHUH

I. (a) Basketry, Weaving and Cord Work: Hand work connected with the home and adapted to the lower grades of schools and general

industrial education. Baskerty, cord and raffia work, loom and cardboard weaving.

(b) Model and Simple Needle Work: Work adapted to the elementary grades of schools, a model book of stitches, coarse needle work in canvas and burlaps, in original designs and with natural materials.

II. (a) Study of Textiles. First Semester: A study of fabrics, their beginnings in the arts and industries of primitive life, the development of spinning and weaving, the effect on social and economic conditions and laboratory work in dyeing.

(b) Second Semester: Household sanitation and decoration; the effect of different textiles; healthful and beautiful clothing and furniture; historic styles in relation to modern dress, furniture and architecture.

III. Drafting and Simple Garment Making: Principles of garment and dress making; taking of measurements, drafting, the choice and economical cutting of material and the making of garments.

IV. Dressmaking: Drafting and making of simple gowns. Designing and making of elaborate waists and costumes; tailoring.

V. Millinery: Making of wire and buckram frames, sewing straw, making of bows and trimming, draping and trimming hats.

VI. Household Art Design: Designing and drawing for decoration of household articles, hats and gowns, designs carried out in stitches and color.

VII. Theory and Practice of Teaching Domestic Arts: A course of lectures and recitations.

VIII. Basketry and Simple Garment Making: Cord work, raffia and reed baskets, taking measurements, cutting and making simple garments and study of material used.

IX. Millinery: Making of wire and buckram frames, covering and trimming hats and study of material used.

DOMESTIC SCIENCE

Courses I and II are especially designed to meet the requirements of students of the Academy.

Domestic Science I includes a study of the body, its composition, its demands, the need for obedience to natural laws, means of heeding these laws through the careful selection, preparation and serving of foods and through general hygienic living, the acquaintance with and care of a modern kitchen equipment, the economical use of household material, of time and of energy.

Domestic Science II covers acquaintance with the house in general: its equipment as adapted to modern conditions, its arrangement and care; sanitation, personal and general; first-aid in emergencies; the classification of foods; principles underlying the cookery and use of proteins, carbo-hydrates and fats; combining foods; menu-making and the preparation of meals; prevention of waste; reducing the cost of food; the purchasing, storage and preservation of foods.

Courses I and II require two hours each per week.

Parallel courses (required) are Elementary Chemistry, Biology, Physiology and Physics.

The Teachers' Training Course (Domestic Science III and IV) covers two years, and is based upon the following requirements:

1 year (2 hours) general Domestic Science, the equivalent of Course II.

1 year (3 hours) general Chemistry—elementary.

1 year (3 hours) Physics—elementary.

1 year (3 hours) Botany or General Biology—elementary.

Parallels:

1 year college English.

½ year each Psychology, Principles of Education, General Method and History of Education.

2 years Domestic Art, covering courses I, III and VII.

2 years { 1 hour outdoor / 1 hour indoor } Physical Training.

FIRST YEAR—DOMESTIC SCIENCE III.

Subjects	Hours per week	
Applied Biology	4 (2 double)	entire year.
Nutrition	2	first semester.
Shelter—The House	2	first semester.
Food Production and Manufacture	2	second semester.
Sanitation	2	second semester.
Foods and Cookery	2 (1 double)	entire year.

Electives (from Liberal Arts Courses) to complete a minimum of 16 hours per week.

SECOND YEAR—DOMESTIC SCIENCE IV.

Subjects	Hours per week		
Microbiology	2	(1 double period)	first semester.
Organic and Physiological Chem.	4	(2 double)	entire year.
Application of Heat to Food Materials	4	(2 double)	entire year.
Household Economics	1		first semester.
Pedagogy and Special Method in Domestic Science	1		first semester.
Science Applied to the Household	2		first semester.
Home Nursing, emergencies	1		second semester.
Food Analysis	2	(1 double)	second semester.
Sex-Hygiene	1		second semester.

Electives (from Liberal Arts Courses) to complete a minimum of 16 hours work per week.

DRAWING.

FREEHAND DRAWING.

(a) Drawing as a Medium of Expression

Expressing simple forms by lines. Drawing of geometrical figures. Study of the position and proportion of figures.

(b) Expressing Three Dimensions by Lines

Study in outline of simple geometrical solids, and common objects, singly and in groups. Freehand and mechanical perspective.

(c) Expressing Form by Light and Shade

Object drawing and shading from models.

MECHANICAL DRAWING.

(a) Explanation of the Different Kinds of Drawing for Various Purposes

Materials and their uses. Constructive work in simple design for practice in accuracy in pencil and ink. Geometrical problems (ink work).

(b) Working Drawings, Their Use and Construction

Various views of geometrical solids and wood turning work in working drawing. Dimensioning and the study of lettering (blue printing). Study of developments, third angle projection. Sections and intersections and developments.

(c) The Practical Use of Isometric and Cabinet Projections, and Explanation of Their Principles

Mechanical drawings from pupils' freehand sketches: Nuts, bolts, blocks, iron clamps, castors, shaftbearings, pulley wheels, etc.

MANUAL ARTS.

1. Woodwork

A series of progressive exercises outlined by blue prints, use and care of the different tools. The application of the principles of joints is shown in the construction of useful finished articles in furniture and also in building construction. Brief talks are given each period on the identification of the common woods and wood technology. Text: *Shop Problems in Mathematics, by Breckenbridge,* Mersereau and Moore.

2. Printing

A general study of the principles and methods of the work of a printing office, including instruction and practice in composition (type-setting), proof-reading, make-up and press work.

3. Wood Turning

Teaching the student the use and care of wood turning tools and lathe work. Exercises involving the various methods of turning between centers, face plate and check work. Prerequisite woodwork. Text: *Shop Problems in Mathematics,* by Breckenbridge, Mersereau and Moore.

4. Forging

Care of the forge fire, heating, drawing out, bending, upsetting, heading, swagging, simple welding, elementary work in steel.

5. Foundry

Moulding and casting of the patterns made in the submiddle year, the casting being done in soft metal.

6. Woodwork

A series of advanced exercises in carpentry and joinery suitable for high schools and normal schools. Original projects designed and executed by the pupil.

7. Wood Carving

Exercises in wood carving are first presented which form a sequence of practical pieces in soft wood. The pieces are planned so as to develop a facility in handling the carving tools and give an acquaintance with the different cuts involved in grooving, sinking the background,

modeling concave and convex surfaces. The carving of small panels in hard wood which follows the exercise, is applied as a decoration of cabinet construction. Different kinds of treatment adapted to geometrical designs and naturalistic elements are illustrated.

8. Venetian Iron and Sheet Metal Work

Design and construction. Courses adapted to upper grades and high school.

9. Advanced Wood Turning

(Prerequisite, M. A., 3). Design and construction, face plate and chuck work, polishing.

10. Advanced Woodwork

(Prerequisite, M. A., 5). An advanced course to prepare for teaching. Decorative work in inlaying and veneering. Construction work in the nature of projects.

11. Pattern Making

(Prerequisite, M. A., 5 and 8). Practical work in the making of small patterns and core boxes for molding simple machine elements.

12. Costs and Plans of Equipment

Lectures and required readings, related to high school equipment. Drawing of plans of rooms and estimating prices of equipment.

13. Forging

Includes work of M. A. 4. Also tool work, hardening, tempering, annealing, properties of iron and steel and effects of mechanical and heat treatment.

14. Theory and Practice of Teaching Manual Arts

A course of lectures and recitations with practical demonstrations.

APPLIED SCIENCES.

CIVIL ENGINEERING, MECHANICAL ENGINEERING, ELECTRICAL ENGINEERING AND ARCHITECTURE.

THESE COURSES ARE UNDER THE GENERAL SUPERVISION OF THE COLLEGE OF ARTS AND SCIENCES.

Prof. Perkins, Prof. Frederick, Mr. Haynes and Mr. Hatfield.

DEGREES.

Students completing the course in Civil Engineering, Mechanical Engineering, or Electrical Engineering will receive the degree of Bachelor of Science in Engineering. Those completing a course in Architecture will receive the degree of Bachelor of Science in Architecture. Upon the completion of two years of subsequent graduate studies, con-

sisting of prescribed courses and research approved by the Faculty, in Civil Engineering, Mechanical Engineering, and Electrical Engineering, the degree of C. E., M. E., and E. E., respectively, will be conferred.

EQUIPMENT

The new Manual Arts and Applied Sciences building contains on the third floor two large engineering lecture rooms and a large well lighted drawing room with adjustable tables. The mechanical engineering laboratories, as well as the large general drafting room, are in the basement.

The testing laboratories contain a 100,000 lb. motor driven Riehlé testing machine for extension, compression, traverse and shearing tests; a vertical steam engine; an Otto gas engine; a Riehlé cement tester; cement and sand test sieves; balances, apparatus for indenting and specific gravity determination, moulds and clamps for briquette work, tanks for keeping same under water, ovens for drying and boiling specimens, etc. Through the courtesy and interest of the United States Geological Survey the equipment for civil engineering work is most complete, including planimeters, scales, slide rules, drafting sets, sextants, blue print apparatus, aneroid barometers, leveling rods, steel tapes, several plane table boards, several levels, including a Berger 15″ dumpy level, a 11″ micrometer theodolite; one Young & Sons solar transit; one Gurley complete transit; several sight and telescopic alidades, compasses, etc.

The electrical engineering laboratories are in the basement and on the second floor of Science Hall, including private laboratories and work shop, storage battery room, photometer room, a large well lighted dynamo room adjoining the storage battery room, and a laboratory with concrete piers for accurate electrical measurements. The present equipment includes standards of resistance, inductance and capacity, D'Arsonval and Ballistic galvanometers, direct and alternating ammeters and voltmeters, Siemen's and Halske potentiometer and electrodynamometer, Thompson electrostatic voltmeter and electric balances, sechometer, magnetometers, wheatstone and slide wire bridges, bank resistances, etc.

In the dynamo room a 10 K. W. Rotary Converter has been installed. This is run as an inverted Converter on the 220 volt direct current supplied by the University power plant and furnishes alternating current of various phases for laboratory and testing work also to run a 10 H. P.

and two 5 H. P. induction motors. A direct current shunt generator is belted to the converter. When this is run as a motor the converter can be brought up to its indicated speed and delivers both alternating and direct current. A small compound direct current generator has also been installed as well as a 3 K. W. transformer. Recently a 10 H. P. compound motor has been belted to the converter. This can be used to run the converter or can be run as a direct current shunt or compound generator using the converter as a motor. Separate fields can be used so that this may also be used as a series generator or motor. A small alternator with rotating fields will be in place at an early date. Two large lamp banks are used for loading the generators and two switchboards, supplied with D. C. and A. C. ammeters, voltmeters and wattmeters facilitate the regular tests made on electrical machinery before leaving the factory.

This laboratory is also equipped with a large motor driven drill press, a machine lathe and a standard motor head, wood lathe, etc.

The forge shop, lathes, and woodworking department are open to engineering students. The large central heating, lighting, and power plant of the University, constructed at an estimated cost of $80,000, is equipped with the most modern machinery, and is one of the most important factors in the training of engineers. This furnishes facilities for running steam and electrical machinery tests on a much larger scale than would be possible under ordinary conditions. Recently the whole heating system of the University has been modernized and is available at all times for study and testing purposes.

GENERAL INFORMATION

*

The work of the Freshman year is the same for all engineering students. Two hours of laboratory, drafting or field work count as one hour of lecture or recitation work. For each course including laboratory, drafting or field work, a fee of $2.00 is charged to cover cost of material. Each student supplies his own drafting instruments. Drawing paper is furnished by the University. For other regular University fees see Expenses p. 29.

The thesis work may be the design of some engineering work or structure or embody the result of some experimental research accompanied by large wall drawings for illustrating the same.

OUTLINE OF COURSES

CIVIL ENGINEERING

FRESHMAN YEAR

First Semester		Second Semester	
Mathematics I (b)	3 hours	Mathematics II (a)	3 hours
Mathematics I (d)	3 hours	Mathematics II (b)	3 hours
Physics I	3 hours	Physics I	3 hours
French I or German I	3 hours	French I or German I	3 hours
English	3 hours	Mechanical Drawing I	3 hours
Mechanical Drawing I	3 hours	Chemistry I	3 hours
Chemistry I	3 hours		

SOPHOMORE YEAR

Mathematics III (a)	6 hours	Mathematics III (b)	6 hours
Physics II Lab	3 hours	Physics II Lab	3 hours
Plane Surveying	3 hours	Plane Surveying	3 hours
Descriptive Geometry	3 hours	Mechanical Drawing II	2 hours
Topographical Drawing	1 hour	Graphics	3 hours

JUNIOR YEAR

Roads and Pavements	2 hours	Railroad Location	3 hours
Railroad Location	3 hours	Roof and Bridge Design	3 hours
Roof and Bridge Design	3 hours	Hydraulics	3 hours
Strength of Material	3 hours	Alternating Current Machinery	3 hours
Direct Current Machinery	3 hours	Theoretical Mechanics	3 hours
Theoretical Mechanics	3 hours		
Irrigation Engineering	2 hours		

SENIOR YEAR

Masonry Construction	3 hours	Reinforced Concrete	3 hours
Drafting and Design	3 hours	Drafting and Design	3 hours
Water Supply	3 hours	Water Power Engineering	3 hours
Geology	3 hours	Law of Contracts	3 hours
Sanitary Engineering	3 hours	Thesis	3 hours
Thermodynamics	3 hours	Mathematical Physics	3 hours

MECHANICAL ENGINEERING

SOPHOMORE YEAR

First Semester		Second Semester	
Mathematics III (a)	6 hours	Mathematics III (a)	6 hours
Physics II Lab	3 hours	Physics II Lab	3 hours
Descriptive Geometry	3 hours	Mechanical Drawing	3 hours
Forging	2 hours	Graphics	3 hours
Patternmaking	2 hours	Elements of Mechanism	3 hours
		Foundry	2 hours

Junior Year

First Semester		Second Semester	
Boilers	3 hours	Heat and Heat Engines	3 hours
Strength of Materials	3 hours	Hydraulics	3 hours
Machine Design	3 hours	Machine Design	3 hours
Experimental Engineering	2 hours	Experimental Engineering	2 hours
Differential Equations	1 hour	Differential Equations	1 hour
Direct Current Machinery	3 hours	Alternating Current Machinery	3 hours
Theoretical Mechanics	3 hours	Theoretical Mechanics	3 hours

Senior Year

First Semester		Second Semester	
Machine Design and Valve Gearing	3 hours	Advanced Machine Design	4 hours
Mechanical Engineering Lab.	2 hours	Mechanical Engineering Lab.	2 hours
Thermodynamics	3 hours	Theoretical Physics	3 hours
Direct Current Laboratory	3 hours	Alternating Current Laboratory	3 hours
Geology	3 hours	Law of Contracts	3 hours
Gas Engines	3 hours	Thesis	3 hours

ELECTRICAL ENGINEERING

Sophomore Year

First Semester		Second Semester	
Mathematics III (a)	6 hours	Mathematics III (b)	6 hours
Physics II Lab	3 hours	Physics II Lab	3 hours
Descriptive Geometry	3 hours	Mechanical Drawing	3 hours
Elementary Mechanics	3 hours	Graphics	3 hours
Forging	1 hour	Elements of Mechanism	3 hours
Pattern Making	1 hour		

Junior Year

Strength of Materials	3 hours	Hydraulics	3 hours
Machine Design (D. C.)	6 hours	Machine Design (A. C.)	6 hours
Experimental Eng.	2 hours	Experimental Eng.	2 hours
Differential Equations	1 hour	Differential Equations	1 hour
Direct Current Machinery	3 hours	Alternating Current Machinery	3 hours
Theoretical Mechanics	3 hours	Theoretical Mechanics	3 hours

Senior Year

Electrical Machine Design	4 hours
Mechanical Engineering Lab.	2 hours
Thermodynamics	3 hours
Direct Current Laboratory	3 hours
Geology	3 hours
Gas Engines	3 hours

Electrical Machine Design	4 hours
Mechanical Engineering Lab.	2 hours
Theoretical Physics	3 hours
Alternating Current Lab.	3 hours
Law of Contracts	3 hours
Thesis	3 hours

ARCHITECTURE

The Freshman year is the same as for the Engineering Courses.

Sophomore Year

First Semester		Second Semester	
Mathematics III (a)	**6 hours**	Mathematics III (b)	6 hours
Physics II Lab	3 hours	**Physics II Lab**	**3 hours**
Descriptive Geometry	**3 hours**	**Drawing and Design**	**3 hours**
Freehand Drawing	2 hours	Freehand Drawing	2 hours
History of Architecture	1 hour	History of Architecture	1 hour
Patttern Making	3 hours	Graphics	3 hours

Junior Year

Strength of Material	3 hours
Design and Sketching	2 hours
Pen and Ink Rendering	2 hours
Roof and Bridge Design.	3 hours
Specifications and Working Drawings	3 hours
Water Color	2 hours
Theoretical Mechanics	3 hours

Hydraulics	3 hours
Design and Sketching	2 hours
Pen and Ink Rendering	2 hours
Roof and Bridge Design.	3 hours
Influence of Materials	**3 hours**
Ornamentation	2 hours
Theoretical Mechanics	3 hours

Senior Year

Modern Architecture	**3 hours**
Architectural Thesis	**6 hours**
Masonry Construction	**3 hours**
Sanitary Engineering	3 hours
Building Construction	**2 hours**
History of Architecture	1 hour

Modern Architecture	**3 hours**
Architectural Design	**6 hours**
Reinforced Concrete	**3 hours**
Law of Contracts	**3 hours**
Building Supervision	**2 hours**
Office Practice	**1 hour**

CONSERVATORY OF MUSIC

FACULTY.

STEPHEN M. NEWMAN, D. D., *President.*

LULU VERE CHILDERS, Mus. B., *Director, Instructor in Voice.*
Conservatory of Music—Oberlin, Ohio.
Pupil of William Shakespeare—London, England.
Sydney Lloyd Wrightson—Washington College of Music.
H. S. Deverse of Chicago Musical College.

ROY WILFRID TIBBS, Mus. B., *Instructor in Pianoforte.*
Conservatory of Music—Oberlin, Ohio.
Dept. of Music—Fisk University—Nashville, Tenn.

JOSEPH H. DOUGLASS, *Instructor in Violin.*
Student for five years in the New England Conservatory of Music.

CLARICE ALTHEA JONES, *Assistant in Pianoforte.*
Ithaca Conservatory of Music.

————————, *Instructor in History of Music.*

The work of the Music Department of Howard University has grown in standard, excellence and success, until the time has come when it should take some definite name under which it can realize many of the great possibilities which lie before it. It will, therefore, be designated, hereafter, by vote of the Board of Trustees, as The Conservatory of Music of Howard University.

No student of music should go out into the world without having a thorough knowledge of great literature and of modern languages. The expressions of the spirit of man in music, art and literature are so related in themes as to make it necessary for students to be trained in all these subjects. Hence the advantage to music students of being in a great university. The aim of The Conservatory of Music of Howard University is to train musicians with a breadth of liberal culture which cannot be found under most private studio teachers of music.

The finest teachers will be added to the Faculty as the increase of students and courses may make necessary.

ADMISSION.

All persons, from beginners up to advanced students, will be admitted. The lower students are earnestly advised not to fail to combine certain literary courses with their work in music.

Before students can be admitted to courses leading to diplomas they must have completed a four years' high school course or its equivalent, thus meeting the requirements for admission to college. It is necessary for the successful study of music, that the above requirement be enforced.

CERTIFICATE AND DIPLOMA.

A certificate will be given to each student upon leaving, stating just what ground has been covered.

A diploma will be given to the student who has finished a well defined course which will ordinarily take four years for completion. Such a student will be subject to the requirements stated above under the head of Admission.

COURSES FOR DIPLOMAS.

VOCAL.

LULU V. CHILDERS, B. M.

In voice building we adopt the best features of all methods. Good breath control and correct placing of tone are the leading features of technical drill. Two terms in the history of Music, in addition to the prescribed course in piano, will be required.

First Year: Principles of breathing as taught by Shakespeare, Tone production, Voice placing. Shakespeare Books I and II. Concone opus 11, vol. 294. Piano.

Second Year: Exercises in breathing, tone production and voice placing continued. Shakespeare's Book II—Concone opus 9, vol. 242, 244—Harmony, French. Piano.

Third Year: Shakespeare Book III. Concone opus 12, vol. 275. Panofka—opus 81—vol. 76—opus 85—vols. 295, 296—Oratorio and Songs—German and French Songs. Harmony—French, German.

Fourth Year: English, Italian and French Songs. Oratorio and Opera. Senior Recital.

PIANO.

ROY W. TIBBS, *Mus. B.*
CLARICE A. JONES, *Assistant.*

The work is wholly individual. On entering, students are placed in the grade for which they are best fitted. Advancement varies with the pupil, some completing more than one grade during the school year.

The outline which follows is of technic and studies only, but with each grade pieces suitable to the grade and pupils' needs are given.

First Grade: Major Scales; Five Finger Exercises; Mathews' Graded Studies, Book 1; Kohler Op. 162, etc.

Second Grade: Major and Minor Scales; Five Finger Exercises; Kohler opus 151 and op. 210; Herz's Scales; Mathews' Graded studies, Book II.

Third Grade: Major and Minor Scales in two, three and four note rymth; arpeggios from major keys. Loeschorn op. 65; Kohler op. 157; Burgmuller op. 100; Mathews' Graded Studies, Book IV.

Fourth Grade: Major and Minor Scales, contrary motion, arpeggios from minor keys; Mason's Touch and Technic. Kohler op. 242; Heller op. 47; Krause Trill Studies; Mathews' Graded Studies, Book IV; Bach's Twelve Little Preludes.

Fifth Grade: Scales in thirds, sixths and tenths; Arpeggios from the dominant, Le Couppey op. 23; Czerny opus 718; Heller op. 46, Bach's Two and Three part Inventions.

Sixth Grade: Scales, Arpeggios; Octaves; Czerny op. 299; Czerny Octaves; Bach's Invention; Mathews' Graded Studies Book VI. Bach's Well and Tempered Clavichord.

Junior: Weimar Studies in Touch and Technic; Jensen op. 32; Doring's Octaves op. 24, etc.

Senior: Preparation for Public Recitals and Selected Technics.

HARMONY.

First Term: Music Notation, keys, scales and signatures, intervals, formation of the triad, chord connection, simple part-writing from given basses and sopranos.

Second Term: Chords of the seventh, with exercises in harmonizing sopranos and basses in both open and close position. Beginning of modulation. Work at the piano in chord progressions and modulations.

Third Term: Harmonizing melodies which modulate, no figuring being given. At the piano, exercises in modulation; also transposition of various models in all keys. Advanced work in secondary seventh chords.

VIOLIN.

JOSEPH H. DOUGLASS.

Belgian system.

Rudimental principles of violin, exercises in the first position, including staccatos, double stops, trills and other embellishments.

Books:

Seveik Studies
Dancla Studies
Kreutzer studies in all positions
Seveik advanced studies.

Every opportunity is given the students for instructions in solo work, ensemble playing, string quartets, duos, trios, and with piano, ranging from simple compositions to the master works.

HOWARD UNIVERSITY ORCHESTRA.

Advanced students have the further advantage to study orchestral work and playing in the orchestra which meets twice a week and is conducted by Jos. H. Douglass.

UNIVERSITY MUSICAL ORGANIZATIONS.

The University Choral Society:
One hour rehearsal twice-a-week throughout the year.

The University Orchestra:
Two hours rehearsal once a week throughout the year.

The University Glee Club:
One hour rehearsal three times a week throughout the year.

The University Choir:
One rehearsal twice a week throughout the year.

RATES OF TUITION.

VOICE.

MISS CHILDERS.

Two lessons per week of thirty minutes each.....$5.00 per month.

PIANO.

MR. TIBBS.

Two lessons per week of twenty minutes each$5.00 per month.

MISS JONES, *Assistant.*

One lesson per week of thirty minutes each.....$2.50 per month.

VIOLIN.

MR. DOUGLASS.

Two lessons per week of thirty minutes each.....$5.00 per month.

HARMONY.

MR. TIBBS.

Class Lessons—two per week of thirty minutes each..$1.25 per month.

EAR TRAINING.

MR. TIBBS.

Class Lessons—two per week$1.25 per month.

HISTORY, PIANO AND VOCAL FEES.

1 Hour a day per year$10.00
2 Hours a day per year$20.00

REGULATIONS.

I. There will be no deduction for lessons missed by students, except in cases of prolonged illness.

II. Students of the School of Music are not allowed to take part in public programs or musical organizatons, without the consent of their teachers and the Director of the Department.

III. All students are expected to attend all of the regular Students' Recitals and Concerts under the School of Music.

IV. Students who expect to graduate must take sufficient work to occupy their entire time.

V. Students may enter at any time.

LIBRARY SCHOOL

It is the purpose of this school to offer instruction to those who wish to make library work their profession. Not more than ten students can be admitted to the school for the session of 1913-14 and no one will be admitted to a portion of the programme.

The requirement for admission is graduation from an accredited high school, or an equivalent course of study. The successful completion of the courses named below leads to a certificate. The Library School is under the charge of the Librarian, Miss Grace L. Hewett, to whom all requests for information should be addressed.

COURSES OF STUDY.

JUNIOR YEAR.

Subject	Class	Hours	Study
Cataloguing I	5		
Classification, 2nd term	2		
Library Economy I	2		2
Library Practice	6		
Reference I	2		3
English I	3		
French I. or II	3		
German I. or II	3		

SENIOR YEAR.

Subject	Class	Hours	Study
Book Selection	1		2
Cataloguing II	3		
Classification II. 1st term	2		
Library Ecomomy II	2		3
Library Practice	6		
Reference	2		3
Typewriting			
French II. or German II. or IV	3		

DESCRIPTION OF COURSES.

Book Selection. Lectures, book reviews, discussion, and collateral reading. Various problems in the selection of books for libraries are discussed, and typical books are read and criticised. Use of periodicals containing book reviews and other aids to book selection.

Cataloguing I. Dictionary cataloguing. Lectures and practice. Cataloguing in the various classes of books found in a general library. Principles of alphabeting and library handwriting.

Cataloguing II. Lectures and practice: a continuation of Cataloguing I. dealing with the more complex problems of cataloguing and Public Documents.

Classification I. Decimal classification and shelf-listing. Lectures and practice.

Classification II. Expansive classification.

Library Economy I. Preparation of books for the shelves, ordering and accession work.

Charging systems.

History of library development.

Library Economy II. Methods of administration. Work with the blind and clubs. Book binding and rebinding. Traveling libraries.

Library Practice. Experience in actual library work in the University library.

Reference I. Lectures and reports. Study of the most useful reference books.

Reference II. Lectures and recitations. A continuation of Reference I. Study of the more technical works, and problems. A short bibliography is required in this course.

THE SCHOOL OF THEOLOGY

FACULTY.

STEPHEN MORRELL NEWMAN, A. M., D. D.
President and Lecturer on Bible Literature.

ISAAC CLARK, A. M., D. D.
Dean and Professor of English Exegesis, Theology, Apologetics. and Ethics.

FRANK P. WOODBURY, A. M., D. D.
Professor of Preaching, Church Work, and Psychology of Religion.

PEZAVIA O'CONNELL, PH. D., D. D.
Professor of Church History, Hebrew and Greek Exegesis and Sociology.

STERLING N. BROWN, A. M., D. D.
Professor of Biblical Introduction, and Bible History, Director of Correspondence Study and Extension Work.

THOMAS M. GREGORY, A. B.
Instructor in Elocution.

LECTURERS.

REV. WALTER H. BROOKS, D. D., "Practical Talks to Young Ministers."

HISTORICAL

"The Howard Theological Seminary" took its inception from a social conference held November 20, 1866, in which "the plan of a theological seminary, having in view the training of colored men for the ministry," was set forth and the above-mentioned name adopted. Its scope was subsequently broadened, so that the institution became known as The Howard University, chartered in 1867. In the very first year of its history, the trustees authorized the teaching of "students accredited as preachers and others looking forward to that work," and this teaching began forthwith. When application for aid in this work was made to various benevolent societies, The American Missionary Association was the only organization constituted and ad-

ministered on a sufficiently broad basis to make a favorable response. It furnished nearly all the salary of the first dean and has largely supported the school during most of the forty years of its history. Of necessity, this department of the University receives no aid from the government and is thus entirely dependent on benevolent support. The School of Theology began with 12 students. The number steadily increased during its early years; and for the five years, 1894-1899, the average was 57 students. From 1899 to 1904, the average was 66 students. From 1904 to 1909, the average rose to 91, and during the last four years it has been 109. The students have come from all the various denominations of the colored churches in this and in other countries and have had a powerful influence not only in direct Christian service but also in elevating the standard of the ministry everywhere.

GENERAL STATEMENT

The object of the School of Theology is to prepare young men for efficient service in the Gospel ministry. The aim, to make effective preachers of the Word, efficient pastors, and helpers of their people to a larger spiritual life, is kept constantly in view, both in the courses of study offered and in the instruction.

ADVANTAGES

The School of Theology offers special advantages, not only by superior equipment in its faculty, library and dormitory accommodations, but also—

1. In its location at the capital of the nation. Washington supplies varied and healthful incitements to intelligent thought, and that large-mindedness so desirable in those who are to be the leaders of the people. The great theological schools are now located in the cities. Here are the people and here are the largest opportunities for culture and development. As a city of hotels and boarding houses, Washington gives opportunity to a large number of students to gain support without neglecting their studies.

2. In its connection with a great university. This enables young men to make up deficiencies or pursue supplementary studies, and to come into pleasant and healthful association with students in other departments. They can thus gain a better mental discipline and a larger outlook on their life and work.

3. In its inter-denominational character. Different denominations are represented by the teachers, many by the students. By candid statement of beliefs, by free interchange of views, by discussion of various

points, all carried on within the circle of fraternal association and feeling, the students come to a better understanding of one another and their tenets. The result is—not that they are made less loyal to their own denominations, but better able to see the loyalty of all to the one common Saviour, and better able to join in hearty co-operation with their brethren for the advancement of the one common cause.

REQUIREMENTS FOR ADMISSION

Every candidate for admission is expected to present testimonials from two responsible persons. His pastor and the principal of the school he last attended are preferred. Students are admitted to the English course on satisfactory certificates from some reputable school or teacher, or on passing a satisfactory entrance examination in the common English branches. Those who lack the minimum requirements for the English course, are sometimes admitted to its studies as unclassified students. If they make up their deficiencies in general education, they become eligible to graduation.

The minimum preparation for admission to the Classical Course is the completion of the course of the Academy of this University, or an equivalent course of study. Those who lack this preparation are sometimes—by vote of the Faculty—admitted to the classical studies. If they make up their deficiencies in the general education indicated above, they become eligible to graduation as classical students.

Students are admitted as candidates for the degree of Bachelor of Divinity, who have received a college education or its full equivalent.

EXPENSES

No tuition is charged. Room rent to theological students in Clark Hall, including steam heat and electric light, is $15 per year, $7.50 of which is to be deposited invariably in advance. Board in Miner Hall is $10 per month, payable in advance. Other expenses are largely determined by one's habits and means.

SELF-HELP

A few students receive their board for work done in the University. A large number meet their expenses by work done in the city. Washington affords unusual opportunities for self-help. No energetic student need be deprived of the advantages offered by the school because of lack of such opportunity.

SCHOLARSHIPS

Two Pomeroy Scholarships, one of $75, and one of $50, are awarded for excellence in Biblical studies.

Three Dodge Scholarships of $40 each are available for students, who have not received other scholarships, at the discretion of the Faculty.

Two Maynard Prizes, one of $10, and one of $5, are awarded for superiority in debate.

STUDENT AID AND AWARDS

A limited fund is available, at the discretion of the Faculty, to meet unusual needs of students. As an encouragement to thorough preparation for the work of the School of Theology, college graduate students of promise, who may need aid, will be given special consideration in the distribution of student-aid.

GRADUATION

The satisfactory completion of one of the prescribed courses of study, an unblemished Christian character, and the promise of usefulness in the Christian ministry are the pre-requisites for graduation. The degree of Bachelor of Divinity (B. D.) is given to graduates from the classical course who have taken the degree of A. B. from a reputable college, or who have shown by certificates and examinations that they have received the substantial equivalent of a college training. College graduates, who have taken studies equivalent to those of our Junior year, may complete the course and receive the diploma of the school in two years, with the degree of B. D. Those who have not received a college training or its full equivalent, but who show superior scholarship in the actual work of the theological course may, by special vote of the Faculty, become candidates for the degree of B. D.

COURSES OF STUDY

Two courses of study are offered, the Classical and the English, as follows:

JUNIOR YEAR

Biblical Introduction
English Exegesis
Bible History
Theism
Evidences of Christianity
Ethics
Homiletics
Elocution

MIDDLE YEAR

English Exegesis	Church History
Greek Exegesis	Homiletics
Hebrew, Elementary	Sociology
Systematic Theology	Inductive Studies in Preaching

SENIOR YEAR

English Exegesis	Homiletics
Greek Exegesis	Pastoral Theology
Hebrew Exegesis	Psychology of Religion
Systematic Theology	Sociology
Church History and Missions	Inductive Studies in Preaching

THE CLASSICAL COURSE

The School of Theology, while putting the English Bible in the forefront, recognizes the fact that thoroughly equipped students may profitably study the word of God in its original languages—Hebrew and Greek—and thus gain an added equipment for service. It also recognizes the fact that in order to use the original languages with freedom and profit sufficient time must be given to gain a fair mastery of them. Provision is made to this end.

In addition to the regular English Course, and taking the place in part of the exegetical studies in the English Bible, there are offered the following courses in Greek and Hebrew.

MIDDLE YEAR

Hebrew Elements and Grammar with translations from the beginning.

Greek—The Gospels and Acts, with Grammar.

SENIOR YEAR

Hebrew—Extended reading and study of Hebrew history, prophecy, and poetry.

Greek—Exegetical study of the Epistles.

OUTLINE OF STUDIES—ENGLISH AND CLASSICAL.

HOURS OF CLASS-ROOM WORK EACH WEEK.

CLASSES: / TERMS:	Junior. I	II	III	Middle. I	II	III	Senior. I	II	III
Biblical Introduction	2	2	2						
Biblical Exegesis, English	6	6	6	6	6	6	6	6	6
Biblical Exegesis, Hebrew				3	3	3	2	2	2
Biblical Exegesis, Greek				2	2	2	2	2	2
Bible History	2	2	2						
Theism	3								
Evidences of Christianity		3							
Ethics			3						
Sociology				1	1	1	2	2	2
Systematic Theology				2	2	2	2	2	2
Church History				2	2	2	2	2	
Missions									2
Homiletics	1	1	1	1	1	1	2	2	2
Pastoral Theology									1
Psychology of Religion							1	1	1
Inductive Studies of Preaching				1	1	1	1	1	1
Elocution									
The Assembly Hour	1	1	1	1	1	1	1	1	1
The Literary Society	1	1	1	1	1	1	1	1	1
The Livingston Society	1	1	1	1	1	1	1	1	1

DESCRIPTION OF COURSES

BIBLICAL INTRODUCTION

This course is intended to prepare the way to the intelligent and profitable study of the Bible itself. It gives the history of the origin, collection, transmission, and versions of the Scripture. It treats of the genuineness, authenticity, general structure, and contents of the separate books of the Bible, and the authenticity of the book as a whole. It arranges all in chronological order, and so synchronizes history and prophecy as to make both more intelligible and instructive. Books of study and reference: Driver's *Introduction;* Moulton's *Introduction;* Kent's *Student's Series;* Dods' *Introduction;* Brown's *Bible Mastery;* John H. Raven's *Introduction.*

BIBLE HISTORY.

The Bible is essentially a historical book and unfolds a succession of ages or periods of dispensation in the development of the race. This course in Bible History is intended to show God's relation to man

in the past, and in an ever present extending sphere of grace. It considers God's work, first, with the individuals, then later with families, afterwards with a nation through His gracious purpose and movement up to the fullness of time when Christ came.

A study of the important characters, events and forces in Biblical history, in the light of modern geography, discovery and research is required, closing with an outline of the life of Christ and of the Apostolic Church.

Books of study and reference: Blakie's *Bible History;* Stanley's *History of the Jewish Church;* Smith's *Old and New Testament History;* Brown's *Bible Mastery.*

ENGLISH EXEGESIS, APOLOGETICS, SYSTEMATIC THEOLOGY AND ETHICS

English Exegesis: To many students English Exegesis is the only possible exegesis, for the English Bible is their only Bible. Accuracy and facility in the interpretation of the English Bible are indispensable to their intelligent and effective service. Careful exegetical study is given to sample portions of all its distinctive parts. Thus, the art of interpretation, applicable to the whole Bible, is acquired.

Systematic Theology: The course covers two years. First year: Religion. God's being and attributes as seen in his works. His self-revelation in the Bible. Man's nature, powers, relations, sin, condemnation, corruption, need of redemption. Second year: Redemption provided—including the person and work of Christ; redemption offered—including the ministry of Christians and of the Holy Spirit; redemption imparted—including justification and regeneration; redemption appropriated—including repentance and faith; redemption perfected—including sanctification and the Kingdom of Heaven. Books of study and reference: H. B. Smith's *Theology;* Wm. Newton Clarke's *Outline of Christian Theology;* Johnson's *Outline of Systematic Theology.*

Theism: This treats of the existence and attributes of God as revealed in nature. Books of study and reference: Valentine's *Natural Theology;* Fisher's *Theistic Belief;* Bowen's *Studies in Theism.*

Evidences of Christianity: This considers the question, Is the Christ who is portrayed in the gospels and who is the formative power in Christianity, human or divine? Books of study and reference: Hopkins' *Evidences;* Row's *Manual of Christian Evidences;* Fisher's *Manual of Christian Evidence;* Bushnell's *Character of Jesus.*

Ethics: This study considers the different theories of right; and treats of the rights and duties of men as individuals, and in the

whole round of their relational life. Books of study and reference: Fairchild's *Moral Science;* Smyth's *Christian Ethics.*

CHURCH HISTORY AND MISSIONS.

Church History: The method followed is that of Neander, the father of modern church history, and we study our theme through the biography of the great makers of church history. Instruction is given by lectures, but all students are required to have Fisher's *Church History.* Books of study and reference: The lives and the writings of the leading actors in church history; also the histories of Kurtz, Hurst, Funk, Alzog, and the American Church History series.

Missions: The present state of missions in non-Christian lands, and how we are to fulfil the command to "Make disciples of all nations." Books of study and reference: Bliss' *Encyclopedia of Missions,* Beach's *Missionary Geography and Atlas;* Barton's *Unfinished Task;* and books on Africa, particularly Naylor's *Daybreak in the Dark Continent,* and Parson's *Christus Liberator.*

HEBREW SCRIPTURES AND EXEGESIS

Hebrew: In reading and study special emphasis is laid on the moral, spiritual and Messianic teachings of the Old Testament, and the use to be made of all in the ministry. The elements of Hebrew are studied the second year, accompanied from the very beginning by translation from the Hebrew Bible. The inductive method is followed. By this method the student gains a mastery of the language much more rapidly and agreeably than by the old system. In the second year reading in the Psalms and the Prophets follows that in the historical books. Books of study and reference: Harper's *Elements,* Harper's *Methods,* Brown, Driver and Briggs' *Lexicon,* Hastings' *Bible Dictionary, Standard Commentaries,* Kittel's *Hebrew Bible.*

GREEK SCRIPTURES AND EXEGESIS

Greek: It is assumed that the student has gained a fair knowledge of the Greek language, and has had practice in construction and translation, and that his knowledge is to be turned to account for the better understanding of the Scriptures. Hence special attention is given to words of marked significance, to the line of thought in each book, and to the distinctive traits of the New Testament as a whole. Books of study and reference: Goodwin's, Winer's Robertson's and Blass' *Greek Grammars;* Thayer's *Greek Lexicon;* Commentaries.

SOCIOLOGY.

This course is thoroughly practical. The social, moral, and material condition of the people to whom the student is to minister is kept always before him. And it is sought to furnish him with the viewpoint and method of the science of Sociology, that the work of ameliorating this condition, to which his calling commits him, may be more effectively performed. The method of instruction consists of recitations from Ellwood's Sociology, Modern Social Problems and free discussion by the class, with constant reference to the social teachings of Jesus and of the Old Testament. Works of reference and study: Giddings' *Principles of Sociology,* Small's *General Sociology,* Cooley's *Human Nature and The Social Order,* Ward's *Applied Sociology, and The American Journal of Sociology.*

THE THEORY AND PRACTICE OF PREACHING AND CHURCH WORK

The general work includes studies in elocution, rhetoric, the literature of persuasive speech, homiletics, pastoral theology and religious psychology, particularly as related to preaching.

Elocution: The main principles of vocal expression in public reading and speaking, the theory of gesture, special training in pronunciation, illustrative literary selections, practice of Bible and hymn reading, etc.

Rhetoric and Literature: The elements of style in oratory as distinguished from literary expression, analysis of argumentative style and work, characteristic addresses by great speakers, enrichment of vocabulary, criticism of faults; the formation of style in speaking rather than in writing. Special attention is given to the leading preachers and to the literature of persuasion.

Homiletics: The aim is to establish in the mind of the student the principles and methods of effective speaking by constant practice, although text-books are freely used and lectures given. In the class room, conversational conferences are more frequent than formal recitations. Sermons and parts of sermons are planned, wrought out, remade, compared with others on the same themes, and the applying principles illustrated and enforced. Great emphasis is laid on the extemporaneous preachers of the English and American pulpit.

Pastoral Theology: The various methods of practical church work, individual and social. Its recent developments are studied and their comparative worth defined, testimonies of efficient pastors cited, causes

of failures indicated. It is urged that students, under their own pastors in the city, carry on active church work, and report results.

Books of Study and Reference: Rhetoric; Hill, Phelps, Genung and Bascom. Homiletics: Broadus, Pattison, Phelps, Kern, Beecher, Spurgeon, Breed, Brastow, Johnson and Quayle. Pastoral Theology: Gladden, Hoppin, Kidder and Ellicott.

PSYCHOLOGY OF RELIGION

This course includes a series of lectures on social psychology in its religious aspects, including an analysis of the instincts, tendencies and emotions, suggestibility, child religion, adolescence, educative development, methods of conversion, revivals, spiritual dynamics, experiences and their normal development.

Books of study and reference: Starbuck, Coe, Ames, Raymond, Pratt, Davenport, Ross, McDougall, James, etc.

For Catalogue and Special Information, address Dean Isaac Clark, Howard University, Washington, D. C.

THE DEPARTMENT OF CORRESPONDENCE STUDY

THEOLOGICAL

Correspondence-study, as a method of gaining an education, has been long and widely tested, and is becoming more broadly established each successive year. Today it is imparting the benefits of great colleges, universities and professional schools to thousands of students who cannot come as residents to these institutions, but who are bent upon securing an education.

In view of the fact that, in various parts of the country, students for the ministry and many pastors already in service desire to avail themselves of some of the educational advantages of our school, it has been decided to offer courses of correspondence-study. These may be taken either in combination with residence-study or separately.

In schools of theology, correspondence-study has been found particularly advantageous to the following classes:

(1) Students, desiring to prepare themselves for the ministry, who are unable at present to remove their residence to an institution, but who can do work where they are and in connection with their present occupation, and can thus attain advanced standing toward graduation with the expenditure of less time when they take up residence work. (2) Students who have already had some residence work, and can take additional parts of their course by means of correspondence work. (3)

Ministers who have found it necessary to enter upon their professional work with inadequate educational preparation, and who now desire to develop their training more fully. (4) Ministers who wish to make higher attainments in some especial lines of scholarly study. (5) Ministers who feel the need of improved methods in sermon-making and delivery, in order to reach increased effectiveness in their work of preaching.

COURSES OF INSTRUCTION

Courses of instruction include the subjects of the general courses in the School of Theology (with the exception of the linguistic studies) and other subjects for post-graduate work. Detailed information will be supplied by correspondence.

GENERAL INFORMATION

Full and exact directions as to methods of work are given to each correspondent. No previous examination is required for entrance on correspondence courses of study. If, for any cause, an application should fail of being accepted, the tuition fee is at once returned to the sender. Students are to complete the particular courses they have undertaken within a year of the time of their beginning work, unless their time should be extended by the Director. An interval of more than two months without report from a student may terminate the right to continue that course of study.

Examinations will be held at such times and in such places and by such methods as, after mutual correspondence and agreement, may be notified to the student by the Director. Certificates of attainment in each course are granted to the student after the satisfactory completion of that course. After a student has sustained the requisite examinations and has been matriculated as a resident student of Howard University, such certificate work as has been done in correspondence-study shall be duly credited as contributing toward the attainment of a diploma, it being understood that at least one year of residence work will be required for his graduation, except in special cases to be considered and passed upon individually.

EXPENSES.—The tuition for a course in one study consisting of twenty sections is placed for the present at the very low rate of three dollars, payable invariably in advance. This includes question-papers, but not the cost (which varies in different courses) of text-book or text-manual. These are paid for and owned by the student.

Address all communications, concerning Correspondence-study to

PROF. STERLING N. BROWN, *Director.*

THE EVENING INSTITUTE

This is designed to aid preachers and workers in Sunday Schools, Christian Associations, City Missions and other branches of Christian service. It includes a four years' course of instruction—three evenings a week, two hours each evening—continuing through the full school year. The course is necessarily limited in extent, but is thorough and practical, and is justified by results, after years of experience. The course of study includes:

BIBLICAL INTRODUCTION, BIBLE STUDY, BIBLE HISTORY, CHURCH HISTORY, THEOLOGY, HOMILETICS, CHURCH WORK, ELOCUTION

Books of study and reference: *Bible Companion; The Temple Opened;* Blaikie's *Bible History;* Fisher's *Church History;* Clarke's *Theology;* Smith's *Christian Theology;* Broadus' *Homiletics.*

TERMS OF ADMISSION AND GRADUATION.

For admission, satisfactory credentials and attainments sufficient to enable one to make good use of the opportunities offered, are required.

For graduation, regularity of attendance, satisfactory progress in the studies of the course, and payment of dues. To those meeting these conditions testimonials are given answering to the work done.

EXPENSES OF THE EVENING INSTITUTE

This is special work for which a tuition fee is charged.

New students pay an entrance fee of $5, and tuition for the year, $10. Those already enrolled pay only the annual tuition fee of $10. For catalogue and special information address

DEAN ISAAC CLARK.

SCHOOL OF MEDICINE

INCLUDING THE

MEDICAL, DENTAL AND PHARMACEUTIC COLLEGES.

HISTORY.

Howard University was chartered by act of Congress, March 2, 1867. Section 5 of the charter provided that the University shall consist of the following departments—"fifth, medicine." On November 5th, 1868, the first session began and ended March 1, 1869. The first class consisted of eight students, seven in medicine and one in pharmacy. The sessions have been gradually lengthened until now they end June 1, and the number of years in the medical course has been increased from two to four. The first regular session of the Dental College began October 1, 1883.

The Department has up to date graduated 1348 students—901 medical, 225 dental and 222 pharmaceutical. In conformity with the spirit of the charter of the University, the Medical Department, including the Medical, Dental and Pharmaceutic Colleges, is open to all persons, without regard to sex or race, who are qualified by good moral character, proper age and suitable preliminary education.

The Forty-sixth annual session will begin October 1, 1913, and continue until June 3, 1914.

WASHINGTON CITY.

The city affords peculiar facilities for the study of medicine and the allied subjects.

There are Libraries rich in medical books, which may be consulted by the students. That of the Surgeon General's Office, Seventh and B streets, S. W., contains over 150,000 works on medicine and collateral sciences. The Library of Congress contains about 800,000 books, many of which are medical. The Patent Office Library also contains many books of the same kind. The reading rooms of these institutions are open from 9 to 4.30 o'clock daily, except Sundays; those of the Library of Congress are open also on Sunday and the evenings.

Our Carnegie Library, situated on the campus, completed at a cost of $50,000 is regarded as one of the most beautiful college libraries in

the country. The library contains about 25,000 books and 15,000 pamphlets. The leading magazines and daily papers from different sections of the country are on file. A reading and consulting room has been set apart for the students of the School of Medicine where the leading medical, dental and pharmaceutic journals, bulletins, text-books and reference works may be found.

There are also Museums which are accessible to students. The Army Medical Museum, Seventh and B streets, S. W., is the finest of its kind in the world. The specimens illustrate the diseases and injuries of both civil and military life, normal anatomy, both human and comparative, and medical, surgical and transportation appliances—in all about 25,000 specimens. Open daily, except Sundays, from 9 to 4.30 o'clock. The National Museum and Smithsonian Institution, situated in the Smithsonian grounds, have the largest and best collection in the country, illustrating the natural sciences. The specimens of Materia Medica are useful to medical and pharmaceutic students. Open daily, from 9 to 4.30 o'clock. The Museum of Hygiene, southeast corner of Eighteenth and G streets, N. W., is under the charge of the Surgeon General of the Navy, and contains, as the name indicates, illustrations of sanitary arts. Open daily, except Sundays, from 9 to 4.30 o'clock. The Agricultural Department contains a museum of the products of agriculture; the Botanic Gardens a collection of plants of all countries, and the Patent Office Museum models of surgical appliances.

GENERAL INFORMATION.

FREEDMEN'S HOSPITAL

On the square adjacent to that on which the Medical College Buildings stand have been erected hospital buildings at a cost of $600,000.

The hospital has the great advantage of being designed primarily for teaching purposes, as practically all the patients admitted are utilized freely for instruction. The hospital has about 300 beds and contains two clinical amphitheatres, clinical laboratories and a room for X-ray diagnostic work and X-ray therapy. The Medical Faculty practically constitutes the Hospital staff. They are the physicians who attend regularly upon the patients (each upon such cases as come regularly within his special department). Special attention is given to bedside instruction. Clinics are held every day during the year, except Sundays, and examinations are made, prescriptions given, and surgical operations performed in the presence of the classes or of sections thereof.

The patients are assigned to students who take the histories of the cases, make the physical examinations, the diagnosis and prognosis and suggest the line of treatment or operative procedure thought necessary, this under the direction of the professor in charge. The clinical laboratories are under the direction of the departments of internal medicine, surgery, gynecology and nervous diseases, are all especially equipped, and furnish facilities for the scientific study of cases and are freely used by students as time and space permit. Stress is laid upon the value of ward and bedside instruction. The character of the hospital is such that this method of instruction can be carried out more fully and more systematically than in many hospitals available for teaching purposes. The practical hospital work which students of this department are able to do is excelled by few medical schools. Much of the work of giving treatment, of dressing wounds and of giving other detailed attention to patients is carried out, under proper supervision, by senior students. For the treatment of diseases of the nervous system, the hospital is furnished with apparatus for generating all kinds of electrical currents. Attendants especially skilled in the application of electricity and massage are put in charge of such cases and are assisted by senior students who aid them in this work. A lying-in ward is established in which senior students are given an opportunity to attend cases of labor and become famliar with the duties of the lying-in ward, under the immediate direction of the professor of obstetrics and his assistants. A large number of the cases admitted to the hospital are from a distance, and are of more than common interest, including numerous surgical and gynecological cases requiring major operation. There are also many cases of disease of the lungs, heart, blood, digestive system, the kidneys, and of the nervous system. The eye, ear, nose and throat service is large and replete with instructive cases. Patients with contagious diseases are treated in the isolation room of the hospital.

The report of the hospital ending June 30th, 1912, shows:

At the close of the preceding year there remained 176 patients—100 from the District of Columbia and 76 from the States. Three thousand and ninety-three (3,093) were received during the year, and 292 births occurred in the hospital, making a total of 3,561 indoor patients treated as againts 2,900 the previous year. Three thousand and fifty-six (3,056) were discharged during the year, their conditions being as follows: recovered, 1,350; improved, 1,280; unimproved, 188; not treated, 7; died, 231; leaving 176 in the hospital July 1, 1912, of which number 100 were from the District and 76 from the States. In the surgical division

1,922 operations were performed, or 155 more than during the previous year.

In the outdoor department 5,710 were treated—an increase of 871 over last year—as follows:

Medical, 2,057; surgical, 307; nervous, 73; eye, 754; ear, nose, and throat, 1,067; pediatrics. 181; gynecology, 488; dermatology, 282; genito-urinary, 307; tubercular, 89; orthopedic, 105. The number of visits to this department was 5,710.

THE NEW SCIENCE HALL

The Science Hall, built at a cost of $90,000. The building is equipped with facilities and apparatus to meet the demands of modern scientific teaching. The Hall measures one hundred and twenty by sixty-four feet and is four stories in height, including the basement story which stands above the ground, and is available for laboratory, workshops, storerooms, etc. The first floor is occupied by the Department of Biology; the second by the Department of Physics; and the third by the Department of Chemistry. There is a large amphitheatre, with ample seating capacity for the largest classes and for special lectures. The best modern facilities are thus afforded for elementary and advanced work in the several sciences.

THE MEDICAL BUILDING

The Medical Department is situated on W Street, N. W., between Fifth and Sixth Streets. The LeDroit Park cars pass by the buildings, and the Seventh Street, Ninth Street and U Street lines are within a few blocks, so that in ten minutes a student can reach the heart of the City.

The main building is a structure of four stories and basement. It contains the lecture rooms and the anatomic, physiologic, chemic, histologic, bacteriologic, pathologic, dental and pharmacal laboratories. all of which are well supplied with apparatus and materials for illustration. The laboratories are modern and thoroughly equipped.

ROOMS AND BOARD

The Secretary keeps a list of places where rooms and board may be obtained at reasonable prices. Board may be procured at the University dining hall at $10 per month.

TO PARENTS AND GUARDIANS

Parents and guardians who wish the Faculty to exercise some supervision over their children and wards should notify the Secretary.

Students should keep the Secretary informed of their residences and changes in the same, both in and out of the city, so that if necessary he may communicate with them at any time.

RULES GOVERNING THE STANDING OF STUDENTS

Each student is obliged to attend eighty per cent of the exercises in every course or study for which he seeks credit.

Students must obtain a grade of 75 per cent in each study in order to receive credit for the same. Students failing in three or more studies in any year will be required to repeat the work of that year, or may be advised to terminate their connection with the school, by vote of the Faculty. Students, except seniors, failing in less than three studies in any one year will be allowed a re-examination in such studies. Students failing in not more than two studies may be conditioned in such studies, but said conditions must be removed during the first half of the ensuing year. Senior students who fail in any subject must repeat the work of the entire year. The work of making up conditions must be done outside of the regular scheduled hours.

CLINICS AND PRACTICAL WORK

Clinics are held as indicated in the schedule of hours.

Seniors and juniors are required to attend these clinics, and their attendance and proper performance of their practical work will enter largely into determining their promotion or graduation.

Dental and pharmaceutic students must also attend the practical work of the Dental Infirmary and Hospital Dispensary, as well as the laboratory work in their respective Colleges.

POST MORTEMS

Post Mortem examinations will be made as often as possible, and students will be required to attend and assist. This will afford an excellent opportunity for the study of both normal and morbid anatomy, as well as the steps of the operation itself.

FEES

The College fees and cost of books, instruments, board, room, laundry and incidentals will hardly be less than $250 per session of thirty-two weeks.

Marticulation, *i. e., for new* students; paid once	$ 5.00
Tuition, Medical College, per session	100.00
Tuition, Dental College, per session	80.00
Laboratory fee	20.00

Tuition Pharmaceutic College, per session	80.00
Laboratory fee, first and second sessions, each	8.00
Senior year	10.00
Graduation fee	7.00
Library fee	1.00
Athletic fee	1.00

A laboratory deposit will be required for breakage, and must be paid before the student is admitted to the laboratory. This will be returned at the end of the session if there is no destruction of property.

All fees are paid to the Treasurer of the Faculty, William C. McNeill, M. D., and are payable, *half on registration, and half on the first of the following January.*

Parents are advised to send money for tuition directly to the Secretary-Treasurer.

All fees must be paid before a student is promoted.

LECTURES AND RECITATIONS

Instruction is given in this school by didactic and clinical lectures, recitations and practical laboratory work. Students will not be allowed to absent themselves from lectures, recitations, laboratory work, clinical lectures and other practical exercises of their respective years. Instructors keep a record of attendance and report to the Secretary of the Faculty.

Examinations will be held in the several subjects at such times as the professors may determine, and at the close of the session. *The minimum passing mark is 75. Any student failing to pass examinations after three attempts in any subject will be advised to discontinue his connection with the school. Absence from one-fifth or more of a course will render a student ineligible for examination.*

SPECIAL LECTURES

At stated times important special lectures will be given. The object of these lectures is to afford the student an opportunity to attend special courses given by practitioners who are eminent specialists in their departments.

These lectures, which are accompanied, when desirable, by clinical demonstrations, add greatly to the value of the regular course.

NEW STUDENTS

The Secretary will at all times be pleased to receive the names of any prospective students in medicine, dentistry and pharmacy, and will be glad to send catalogues and announcements.

SPECIAL NOTICES.

I. Beginning with session 1914 the medical college of howard university will require of all matriculants two years of college work in physics, chemistry, biology and a reading knowledge of one modern language besides english.

II. Section 1. "Every college holding membership in this association shall, on and after january 1, 1912, require for matriculation a completed or unconditioned medical student's certificate, to be granted by a state medical examining and licensing board, or a board empowered by statute to grant such certificate."—article iii, section 1, constitution of the association of american medical colleges.

Prospective medical students will do well to remember the above requirements, and secure their medical certificates before the opening of the medical college.

III. The medical college of howard university is now recognized by the conjoint board of england, and its "graduates are admitted to the final examinations of the board in medicine, surgery, and midwifery on production of evidence of having fulfilled the necessary regulations in regard to general education, and to the professional curriculum extending over five years."

IV. Prospective medical, dental or pharmaceutic students will save time and the possibility of miscarriage of their mail, if their letters of inquiry are directed to the secretary of the school of medicine, 5th and w streets, n. w.

V. There are no funds available for helping students in the school of medicine. the faculty does not advise prospective students to come to the school until they are able to pay their tuition in full, without having to depend upon outside employment, as the successful study of medicine, dentistry or pharmacy can be done only by those who devote all of their time to it.

THE MEDICAL COLLEGE

REV. STEPHEN M. NEWMAN, A. M., D. D.
President of the University.

EDWARD A. BALLOCH, A. M., M. D., DEAN, 1511 Rhode Island Ave., N. W.
Professor of the Principles and practice of Surgery and Clinical Surgery.

DANIEL S. LAMB, A. M., M. D., VICE-DEAN, 2114 Eighteenth St. N. W.
Professor of Anatomy.

WILLIAM C. McNEILL, M. D., SECRETARY AND TREASURER.
Professor of Gynecology.

NEIL F. GRAHAM, M. D., 909 New York Avenue, N. W.
Emeritus Professor of Surgery and Professor of Physical Diagnosis.

CHARLES B. PURVIS, A. M., M. D., Boston, Mass.
Emeritus Professor of Obstetrics and Gynecology.

*JOHN E. BRACKETT, M. D., 1310 Rhode Island Avenue, N. W.
Emeritus Professor of the Principles and Practice of Medicine.

WALTER W. ALLEGER, M. D., Phar. D., 143 U Street, N. W.,
Emeritus Professor of Bacteriology.

GEORGE N. PERRY, M. D., 1316 Q Street, N. W.
Professor of Obstetrics and Pediatrics and Clinical Pediatrics.

COLLINS MARSHALL, M. D., 2507 Pennsylvania Avenue, N. W.
Professor of Pathology and Clinical Microscopy; Director of Pathologic Laboratory.

PAUL BARTSCH, M. S., Ph. D., 2416 Fourteenth Street, N. W.
Professor of Histology, Director of Physiologic and Histologic Laboratories; Lecturer on Medical Zoology.

EDWARD D. WILLISTON, A. M., M. D., 1507 S Street, N. W.
Professor of Medical Jurisprudence, and Instructor in Clinical Obstetrics.

JOHN W. MITCHELL, M. D., Phar. D., 817 T Street, N. W.
Professor of Materia Medica and Therapeutics, Clinical Assistant in Pediatrics.

*Deceased.

ROBERT SCOTT LAMB, M. D., The Cecil.
Professor of Ophthalmology and Director of Eye Clinic.

WILLIAM A. WARFIELD, M. D., 1901 Eleventh Street, N. W.
Professor of Abdominal Surgery; Surgeon in Charge of Freedmen's Hospital.

J. J. RICHARDSON, M. D., 1509 Sixteenth Street, N. W.
Professor of Otology, Laryngology and Rhinology.

WILLIAM L. ROBINS, M. D., The Rochambeau.
Professor of Nervous and Mental Diseases.

WILLIAM G. ERVING, M. D., 922 Seventeenth Street, N. W.
Professor of Orthopedic Surgery.

H. ATWOOD FOWLER, M. D., The Cumberland,
Professor of Genito-Urinary Diseases.

HENRY P. PARKER, M. D., 1728 Connecticut Avenue,
Professor of the Principles and Practice of Medicine.

MARCUS WARD LYON, JR., M. S., M. D., 48 V Street, N. W.,
Professor of Bacteriology; Instructor in Clinical Microscopy.

HERBERT CLAY SCURLOCK, A. B., M. D., 428 College Street.
Professor of Chemistry, Lecturer on Electro-Therapy.

ERNEST E. JUST, A. B.
Professor of Physiology.

CHARLES I. WEST, M. D., 924 M Street, N. W.,
Associate Professor of Anatomy.

AUSTIN M. CURTIS, A. M., M. D., Thirteenth and U Streets, N. W.
Associate Professor of Surgery.

ALBERT RIDGELEY, M. D., 950 S Street, N. W.,
Associate Professor and Demonstrator of Anatomy.

EDGAR B. KEEMER, Phar. C., 633 Fairmont Street, N. W.
Assistant Professor of Chemistry.

CARROLL A. BROOKS, M. D., 1321 T Street, N. W.,
Associate Professor of Physiology; Assistant in Clinical Medicine.

WILLIAM A. WELLS, JR., M. D., Phar. G., 1161 First Street, N. W.,
Assistant Professor of Pathology.

CARYL BURBANK, M. D., 2147 F Street, N. W.,
Assistant Professor of the Principles and Practice of Medicine.

NEIL D. GRAHAM, A. B., M. D., 909 New York Avenue, N. W.,
Assistant Professor of Hygiene and Preventive Medicine.

WILLIAM A. JACK, M. D., 1423 T Street, N. W.,
Demonstrator of Practical Surgery.

ROY D. ADAMS, M. D., Stoneleigh Court.
Instructor in Embryology.

HENRY H. HAZEN, M. D., 1204 Eighteenth Street, N. W.,
Clinical Professor of Dermatology.

WILLIAM F. SOWERS, M. D., 1707 Massachusetts Avenue, N. W.,
Instructor in Clinical Surgery.

CHARLES H. MARSHALL, M. D., 2710 P Street, N. W.,
Clinical Assistant in Gynecology.

MILTON A FRANCIS, M. D., 2112 Pennsylvania Avenue, N. W.,
Clinical Assistant in Surgery.

HARRY H. KERR, M. D., 1742 N Street, N. W.,
Instructor in Clinical Surgery.

MARTHA M. BREWER-LYON, M. S., M. D., 48 V Street, N. W.,
Clinical Assistant in Ophthalmology.

WILLIAM H. WILSON, M. D., 1515 Tenth Street, N. W.,
Assistant Demonstrator of Anatomy.

JAMES F. JOHNSON, A. M., M. D., 208 O Street, N. W.,
Assistant Demonstrator of Anatomy.

EDWIN H. REEDE, M. D., 516 M Street, N. W.,
Clinical Assistant in Medicine.

ELIZABETH SOHON, M. D., 512 I Street, N. W.,
Clinical Assistant in Ophthalmology.

LEWIS C. ECKER, M. D., 1309 Connecticut Avenue, N. W.,
Clinical Assistant in Medicine.

MILTON HAHN, M. D., The Albany,
Clinical Assistant in Medicine.

RALPH BURNETTE STEWART, Phar. D., M. D., 1809 Fourth Street, N. W.,
Assistant in Pathology.

GEORGE W. DAVIS, M. D., Freedmen's Hospital.
Lecturer on Anaesthesia.

QUIZ MASTERS

Anatomy	Dr. West. / Dr. Ridgeley.
Physiology	Dr. Brooks.
Chemistry	Dr. Scurlock.
Histology	Dr. Wilson.
Practice	Dr Burbank.
Surgery	Dr. Warfield. / Dr. Curtis.

REQUIREMENTS FOR ADMISSION TO HOWARD UNIVERSITY MEDICAL COLLEGE.

The applicant for admission to the Medical College of Howard University must present to the Secretary of Faculty of the College at least ten days before the opening of the College his credentials, properly signed, showing that he has successfully pursued the subjects mentioned below, under the conditions stated:

REQUIREMENTS FOR ADMISSION.

I. Those who have completed in a satisfactory way the Chemical-Biological course which leads to the A. B. degree in this University.

II. Graduates of approved colleges or scientific schools who can furnish evidence:

(*a*) That they have an acquaintance with Latin, and a reading knowledge of French or German;

(*b*) That they have such knowledge of biology, chemistry and physics as may be obtained by a year's college course in these subjects, when accompanied by laboratory work.

III. Those who give evidence by examination that they possess the general education implied by a degree in Arts or Science from an approved college or scientific school, and in addition, the required knowledge of French, German, Latin, physics, chemistry and biology indicated in section II.

APPLICATION BLANKS.

Application for admission should be made to the Secretary, who will furnish detailed information and blanks, relating to the previous course of the applicant.

CERTIFICATES.

Applicants are required to furnish detailed certificates from officers of the college or scientific schools at which they have studied as to the courses pursued in biology, chemistry and physics.

FOREIGN CERTIFICATES.

Students who present certificates from foreign schools must have them acknowledged and sealed by some properly constituted officer of their government in addition to the seal of the college and the signature of the head of the school.

EXEMPTION FROM ENTRANCE EXAMINATION.

1. Those who possess a degree in Arts or Science from an approved college or scientific school, and in addition furnish satisfactory certificates concerning their training in biology, chemistry and physics, with evidence of acquaintance with Latin and a reading knowledge of French or German are admitted without examination.

2. Graduates of approved high schools who furnish satisfactory certificates, showing they have had one year's work in college biology, chemistry and physics, as set forth in Groups IV and VI, and in addition possess a reading knowledge of French or German.

REQUIRED SUBJECTS

Group I

English Language—3 units.

(*a*) English Grammar.

(*b*) Rhetoric and Composition.

(*c*) Reading Classics.

Group II

History of the United States, as presented by standard authors, one unit.

General History as presented by Meyer's, one unit.

General History or equivalent text.

Greek and Roman History or English History will be accepted as a substitute for General History.

History—2 units.

Group III

Mathematics—3 units.

Algebra—through quadratics—standard authors, one unit.

Geometry—plane and solid—standard authors, one and one-half units.

Plane Trigonometry—one-half unit.

Group IV

Physics, one unit. In physics the candidate should have followed a collegiate course for at least one year. This should include three hours a week of classroom work, and at least three hours a week of *quantitative* work in the laboratory. Special attention should be given to theoretical mechanics, and to the mechanical and electrical experiments.

Chemistry, one unit. The candidate should have followed a course in general chemistry for at least a year. This course should include laboratory work, about three hours a week through one year, and lectures and class-room work covering the outlines of inorganic chemistry.

Botany and Zoology, one-half unit each. The candidate should have followed for at least one year a laboratory course of six or more hours a week, upon the structure, functions and life histories of selected types of animals and plants.

Group V

Modern Languages—2 units.

German or French. The applicant must be able to read French or German.

Group VI

Latin—2 units.

(*a*) Grammar.

(*b*) Prose Composition.

(*c*) Reading—Four books of Caesar's Gallic War.

Students are not permitted to enter with a condition in Latin.

A unit is the credit value of 36 weeks' work of 5 recitation periods per week, each recitation period to be of not less than 45 minutes.

A point is the credit value of 18 weeks' work of 5 recitation periods per week, each recitation period to be of not less than 45 minutes.

A count is the credit of one recitation period per week of not less than 45 minutes through 36 weeks.

DETAIL OF ACADEMIC (SECONDARY) WORK AND EXAMINATION

Total of 60 Counts

REQUIRED GROUP—Minimum, 35 Counts.

REQUIRED STUDIES:	CREDITS Minimum Counts	ACCEPTED Maximum Counts
English	10	20
Mathematics	10	20
Latin	10	20
Physics	5	5
Total	35	65

ELECTIVE GROUP—Maximum 25 Counts

ELECTIVE STUDIES:		
Greek	8	10
French	8	10
German	8	10
Spanish	8	10
History	4	15
Chemistry	5	5
Botany	2	5
Zoology	2	5
*Biology (5)	4	5
Physiology and Hygiene	2	5
†English Literature (3)	4	5
Trigonometry (3)	2	2
Physical Geography	2	5
Drawing	2	2
Total Elective	25	

*See No. 5, below.

†See No. 3, below.

INSTRUCTIONS

1. As used in this table, a Count is the measure of the work successfully completed in a secondary or high school pursued an entire school year of 36 weeks, in one weekly recitation period of not less than forty-five minutes.

2. The required group, 35 Counts, must be presented by all applicants. Sufficient counts to make a total of 60 Counts required may be selected from the elective group. The credit which will be accepted in the several studies is shown by the printed figures.

3. English Literature of the elective group may not be counted unless a year has been given to that subject in addition to the required 10 Counts in English, and Trigonometry may not be counted unless it is in addition to the required 10 Counts in Mathematics.

4. Civics is not accepted as a subject, but may be counted as a part of American History.

5. Biology is the equivalent of Botany and Zoology, and it can be given no credit if an applicant is credited with Botany or Zoology.

6. For those who cannot meet the above requirements, a five-year course is recommended. The first year of such a course will consist of mathematics, physics, chemistry, botany and zoology, graphics, and

French or German. Provision for such a course has been made in connection with the College of Arts and Sciences of Howard University.

For additional information, apply to the Secretary of the Medical Faculty, W. C. McNeill, M. D.

CREDIT FOR WORK IN ACCREDITED MEDICAL COLLEGES

It is considered desirable for students to complete their course in medicine at the institution at which they first matriculate. If, however, for any good reason, a change is desired, students from other medical colleges recognized by this Institution may be admitted to advanced standing under the following conditions:

First: They must present a letter of honorable dismissal from the school they have attended, showing that they were in good standing and that all their bills were paid.

Second: They must present satisfactory evidence that they have at the time they enter this College, fully completed the preliminary educational requirements for admission to the School.

Third: They must present credentials from the Dean or Secretary of the college which they have attended, properly signed and sealed, showing that they have been registered medical or dental students, and in residence for the time for which credit is sought.

Fourth: They must present satisfactory evidence from the college attended showing that the amount and character of work they have completed, is such as to entitle them to the advanced standing they seek in this School.

Time credits may be given to students who have the necessary entrance requirements, and who are graduates or students of Colleges of Homœopathic or Eclectic Medicine, for such courses of instruction of the required duration as they have successfully fulfilled, excepting in the course of the fourth year, provided they pass satisfactory examinations in Materia Medica and Therapeutics. Credit may be given to the holder of a Bachelor's Degree from an approved college or university for any work in the medical branches which he has successfully completed in his college course, only so far as it is the full equivalent of corresponding work in the medical curriculum. The holder of such Bachelor's Degree may also be given time credits of not exceeding one year, provided that such student has had at least 40 hours in physics, 144 hours in chemistry, 24 hours in osteology, 292 hours in human or comparative anatomy, 124 hours in histology, 85 hours in embryology, 145 hours in physiology and 46 hours in Materia Medica; provided,

that the applicant for such time credits satisfies the professors of the chairs mentioned in the medical school as to his proficiency in these first-year medical studies. Such student may be allowed to complete a course for the medical degree in not less than 31 months, provided he completes the remainder of the medical curriculum in that time.

CURRICULUM

The curriculum comprises Anatomy, Physiology, Histology, Materia Medica, Pharmacology, Therapeutics, Electro-therapeutics, General Chemistry, Organic Chemistry, Toxicology, Obstetrics, Embryology, Practice of Medicine, Surgery, Minor Surgery, Hygiene, Dietetics, Pathology, Medical Zoology, Post Mortem Work, Clinical Microscopy, Bacteriology, Gynecology, Pediatrics, Ophthalmology, Otology, Dermatology, Laryngology, Rhinology, Mental and Nervous Diseases, Genito-Urinary Diseases, Physical Diagnosis, Medical Jurisprudence, Tropical Medicine, and Anaesthetics.

Students are required to attend at least four courses of lectures in separate years, and pass a satisfactory examination in each branch of study, before becoming eligible for the Degree of Doctor of Medicine. The subjects of study for Freshmen are Anatomy, Physiology, Histology, Materia Medica, Pharmacology, Embryology. For Sophomores, Anatomy, Urinalysis, Hygiene, Physiology, Therapeutics, Organic Chemistry, Toxicology, Bacteriology and General Pathology. For Juniors, Dietetics, Obstetrics, Practice of Medicine, Pediatrics, Electro-therapeutics, Surgery, Physical Diagnosis, Pathology, Medical Zoology, Dermatology, and Clinical Microscopy. For Seniors, Practice of Medicine, Surgery, Gynecology, Ophthalmology, Otology, other specialties and Medical Jurisprudence. Post mortem work as often as practicable, and available to all the classes.

DEPARTMENT OF ANATOMY

DANIEL S. LAMB, A. M., M. D.,
Professor and head of the Department of Anatomy.

CHARLES I. WEST, M. D.,
Associate Professor of Anatomy, Lecturer on Topographic Anatomy and Quiz-Master in First Year Anatomy.

ALBERT RIDGELEY, M. D.,
Associate Professor of Anatomy, Demonstrator of Anatomy and Quiz-Master in Second Year Anatomy.

JAMES F. JOHNSON A. M., M. D.,
Assistant Demonstrator of Anatomy.

WILLIAM H. WILSON, M. D.,
Assistant Demonstrator of Anatomy.

The lectures on descriptive anatomy will cover the most important subjects from a medical and surgical point of view and will be illustrated with drawings, plates, models, the skeleton and dissections. The freshman year will be devoted to Osteology, Arthrology and Myology; the sophomore year to Angiology, Neurology and Splanchnology. Topographic Anatomy also in the second year. The students are required to attend a quiz once a week, throughout the term.

Abundant facilities are provided for the study of practical anatomy. Under the law of the District of Columbia, the college secures a sufficient supply of anatomical material. The dissecting rooms, commodious, well lighted and ventilated, are under the charge of the Demonstrator of Anatomy and are open daily except Sundays throughout the term. Students are required to complete their dissections before becoming eligible for final examinations, and each is required to dissect one half of a cadaver. The Demonstrators supervise the work of dissection, examine the students thereon, keep a record of the work and report to the Secretary of the Faculty. Dental students dissect two parts. On payment of a small deposit bones may be taken for home study.

DEPARTMENT OF HISTOLOGY.

PAUL BARTSCH, M. S., PH. D., AND ASSISTANTS

Professor and Director of Laboratory.

The work in histology constitutes a thoroughly practical laboratory course. The first month is devoted to lectures on laboratory technique. This is followed by an examinaton of cells and elementary tissues. The remainder of the year is devoted to the study of the various organs. Each subject is projected upon a screen in the classroom by means of a projecting instrument and the picture is discussed with the students. The same slide is then examined by each student in detail with the microscope and described and sketched by him in his notebook. Two (2) hour periods a week are devoted to this work which is attended by the entire class. The class meets once a week for a quiz.

In addition to this the students, in sections of ten, are required to spend two and a-half hours a week in the smaller laboratory, the time being devoted to a thorough drill in the histologic technique necessary for the preparation of microscopic slides.

LABORATORY.

The histologic laboratories consist of two rooms which occupy the greater part of the entire north half of the second floor of the medical

building. In the larger room, the class room, each student finds a desk, provided with a small incandescent lamp to assure even and steady light for his instruments, and a microscope with the necessary accessory equipment. In this room there are also installed three projection instruments, a lantern slide stereopticon. a microscopic slide projector, provided with triple nose pieces and three objectives, and a double reflectoscope for the projection of opaque objects. This room is so arranged that it can be quickly darkened to enable the lecturer to make use of any one of these lamps, at any moment.

This room also serves as the histologic lecture room as well as the laboratory where the class conducts its microscopic studies.

The second room is devoted to histologic technique. Here the students, in groups of ten, are taught the various steps necessary for the preparation of histological material and are required to prepare sets of slides for their own cabinets. This laboratory is equipped with Minot's Precision and Rotary Microtomes as well as a number of large student sliding microtomes, a freezing microtome, etc., and the usual assortment of instruments, laboratory apparatus, reagents and stains.

For class work the reserve series of slides consisting of about 50,000 selected specimens is largely used.

PHYSIOLOGICAL CHEMISTRY

PAUL BARTSCH, M .S., Ph. D., and Assistants.
Director Physiologic Laboratory.

The physiologic chemic laboratory occupies the northwest corner of the main floor of the medical building. It is well supplied with tables, equipped with basins, running water and gas, as well as the necessary laboratory apparatus and reagents.

This work extends over the freshman year and consists in an examination of the chief organic substances, carbohydrates, fats and proteids that compose the body. This is followed by a study of the chemistry of salivary, gastric and pancreatic digestion and an examination of bile, blood and milk, and some of the most important food stuffs.

EMBRYOLOGY

ROY D. ADAMS, M. D.,
Instructor and Director of Laboratory.

Two lectures or recitations and two laboratory hours per week throughout the sophomore year. The lecture course will embrace a comparative study of reproduction in the animal kingdom.

This course begins with a historical sketch of the "cell theory," and proceeds with a discussion of the structure of a typical cell, of cell division, of the maturation and fertilization of the sexual cells, and with an exposition of the fundamental physiological properties of protoplasm. This is followed by a discussion of the theory of gastrulation and the development of the primary germ layers. The histogenesis and structure of the tissues and organs is then taken up and considered in detail, the lectures being illustrated by black board drawings, charts, models and lantern demonstrations. Special attention is paid to the development and structure of the human placenta and the fetal membranes.

The laboratory course will consist of drawings, with full descriptive notes and examinations of sections of embryo of the chick, rabbit, etc., in various stages of development.

DEPARTMENT OF PHYSIOLOGY

ERNEST E. JUST, A. B.,
Professor and Head of Department.
CARROLL A. BROOKS, M. D.,
Associate Professor of Physiology.

FRESHMAN YEAR

There will be two hours a week of lectures, one of recitation, and two hours a week of laboratory work for the session.

The lectures in physiology will be divided into two courses. For the freshman year a general introduction on the subjects of biology, morphology, embryology, physical forces, and metabolism, after which will be considered the subjects of the physiology of the blood, of the circulation, consideration of the blood glands, with the latest references to their relationship, and pathology, physiology of respiration, of digestion, of absorption, of the kidneys and secretion of urine, of animal heat, functions of the skin, and of the motor apparatus.

SOPHOMORE YEAR.

There will be two hours a week of lectures, one of recitation, and two hours a week of laboratory work for the session.

The work of the sophomore year will embrace the general physiology, chemical and mechanical properties, physiology of the peripheral nerves, spinal nerves, physiology of the nerve centers, including the general functions of the spinal cord and brain, physiology of the sense organs, and reproduction and development.

In the division of this work freshmen students will be required to complete the first year's work before being eligible for advancement. Sophomore students will be required to pass an examination including the first and second year's work, at the end of their term. Lectures in physiology will be amply illustrated with the most perfect apparatus at command at the present date suitable for demonstrating through lantern slides, plates, drawings, all that can be shown in its relationship to human physiology. In addition, experimental work will be done in the physiological laboratory arranged in such a way and time as to keep courses perfectly in touch.

Examinations will be held from time to time on the completion of any one of the above mentioned subjects and the student's standard graded through these periodical examinations which will be considered in connection with his final examinations.

Students will be especially instructed in the subjects of physiology as pertaining to examinations of the heart, respiratory organs, and methods of physical examinations.

DEPARTMENT OF MATERIA MEDICA AND THERAPEUTICS

JOHN W. MITCHELL, M. D., Phar. D.,
Professor and Head of Department, and Assistants.

Instruction in this department is given during the first, second and third years by means of lectures, recitations, laboratory work and clinical instruction.

These subjects will be dealt with by repeated recitations and demonstrations. The students of the first and second years will recite twice a week throughout the term to the Professor, from a standard textbook on the subject. The subjects will be explained and illustrated in their practical and clinical application by the Professor or his Assistants. Pharmacologic demonstrations of drugs will be made to the class when it is considered possible by so doing to emphasize the importance of the subject.

LABORATORY OF MATERIA MEDICA AND THERAPEUTICS

These laboratories contain a complete cabinet of materia medica preparations, finished products, digestive ferments and active principles.

Laboratory work includes an examination of the physical and chemical properties of the drugs and agents used as medicines. In the first year two hours a week are spent in doing this laboratory work, under the direction of a pharmacist who is also a physician. Prescription writing is carefully considered throughout the course,

attention being given to analysis, both in the English and Metric systems. The subject of prescription incompatibility is here to be studied, from the standpoint of its chemical, pharmaceutic and therapeutic combination. The second and third year classes will be divided into sections and taken into the hospital and practice given in the application of some remedies other than drugs; as hydrotherapy, the stomach tube, cautery, aspirator, hypodermic syringe, and in the various methods of administering such volatile substances as ether, chloroform, amyl nitrite, somnoform and nitrous oxid gas.

DEPARTMENT OF CHEMISTRY

HERBERT C. SCURLOCK, A. B., M. D.,
Professor and Head of Department, and Assistants.

General Inorganic Chemistry is no longer taught as a part of the medical curriculum, hence the course in Chemistry deals entirely with the study of the compounds of carbon (Organic Chemistry).

LECTURES AND RECITATIONS

There will be two hours a week of lectures and recitations for the session.

The classes of carbon compounds, their structure, synthesis and transitions, are reviewed. Emphasis is placed upon the student's acquisition of the meaning of certain atomic groups and their manner of linkage in determining the classification and properties of substances. In the study of the individual substances the greater stress is placed upon those of importance from the medical point of view; however, considerable attention is given to certain commercial products and their manufacture.

The lectures are illustrated by lecture table demonstrations, charts, the exhibition of specimens, etc.

LABORATORY

There will be four hours a week of laboratory work for the session.

A part of the year is devoted to the practical study of some of the important or typical organic compounds. The remainder of the course is given to analytical work, which includes volumetric and gravimetric processes sufficient to prepare the student to make clinical and pharmaceutical analysis. Practice is given in pharmaceutical assaying, food analysis, water analysis, etc. The time allotted to these is necessarily limited, and students desiring further work may arrange for it under some of the courses outlined in the general catalogue of the University.

Written examinations are held monthly. Each student is required to keep a book of notes, which shall be subject to examination whenever called for by the instructor.

URINALYSIS

This course consists of lectures, recitations and laboratory work. Emphasis is placed upon the laboratory practice, and students are required not only to learn how to make correct analyses, but also interpret them correctly. From the hospital wards a great variety of specimens may be obtained, and each student is required to report upon several cases, the analytical work being checked by an instructor.

ELECTRO-THERAPY AND RADIOGRAPHY

The lectures in electricity are amply illustrated by class-room demonstrations, and thorough instruction is given in the methods of dealing with the various current forms, their measurements, control and proper application.

Clinics are held to illustrate the therapeutic uses of electricity and the X-ray. The methods of fluoroscopic examination, radiography and the interpretion of radiographs are taught.

The course has been enlarged so as to include a study of most of the agents employed in physical therapeutics.

This department is well equipped with apparatus.

DEPARTMENT OF BACTERIOLOGY

MARCUS WARD LYON, Jr., M. S., M. D.,
Professor, Head of Department and Instructor in Clinical Microscopy.

The equipment is complete in every essential, microscopes, microtomes, sterilizers, incubators and other accessories for the study of bacteria are available. A collection of pathogenic and other bacteria is constantly on hand.

There will be two hours of lectures and laboratory work, twice a week for the session. A comprehensive course is given in practical bacteriology in which the students are taught methods of sterilization, preparation of stains, the technique of bacteriologic examinations, the methods of obtaining pure cultures of bacteria and of studying species after their isolation. The development of antitoxins, opsonins, immune bodies and agglutinins and the methods used in estimating them are also studied.

Laboratory work four hours twice a week for the session.

The laboratory course covers the practical application of bacteriology to the diagnosis, course and treatment of disease and includes preparation of culture media, the bacteriologic examinations of sputum, pus, blood, feces, milk, water, disinfectants, etc., as well as the culture and identification of pathogenic micro-organisms. The student is required to perform agglutination tests, and shown the practical methods of preparing and testing antitoxic sera. He also studies the results of experimental inoculation in suitable animals, and the microscopic and cultural characteristics of organisms of medical importance.

MEDICAL ZOOLOGY.

PAUL BARTSCH, M. S., Ph. D.,

A course parallel to Bacteriology in which the animal parasites of man are considered.

HYGIENE, DIETETICS AND PREVENTIVE MEDICINE

NEIL D. GRAHAM, A. B., M. D.
Assistant Professor.

Under Hygiene the physiological needs of the individual in regard to air, food, exercise, and clothing are considered in detail, and this knowledge made the foundation on which is based the more comprehensive discussion of sanitary procedures in general. For example: Rules and methods of ventilating and heating come under the subject of air. With water are studied, supply, chemical and mechanical purification, plumbing, sewerage, and disposal of sewage.

The section of Dietetics includes, besides a theoretical consideration of food and food values, fifteen hours practical work in modification of milk, arrangement of dietaries, demonstrations of the correct methods of cooking the various classes of foods, and the preparation of some of the more usual invalid dishes—predigested food, nutrient enemata, and the like.

The consideration of occupation, occupational dangers, and habitations follows the subjects of exercise and clothing.

The course in Preventive Medicine is designed to correlate the knowledge gained in other branches in that emphasis is placed on the methods—physiologic, bacteriologic, chemic, biologic—which have made possible the discovery of the cause, mode of transmission, or prevention of disease.

The course concludes with a discussion of the existing medical laws, and their application.

PATHOLOGY

COLLINS MARSHALL, M. D.,
Professor and Head of Department.

WILLIAM A. WELLS, Jr., Phar. G., M. D.,
Assistant Professor.

RALPH BURNETTE STEWART, Phar. D., M. D.,
Assistant in Pathology.

The course consists of lectures, recitations and quizzes, with written examinations at stated periods, and the practical work consists of identification, study and drawing of microscopical specimens; the fixing, hardening, sectioning, staining and mounting of pathological tissues; the study of gross specimens and the performance of autopsies.

The laboratories of the college are supplied with all the necessary equipment for instruction in this important branch of medicine, including a projectoscope, microtomes, microscopes, etc., enabling the student to become familiar with all the routine work pertaining to this department.

GENERAL PATHOLOGY

This course will be given to the sophomore class in the second semester, and includes the subjects properly coming under this heading, viz: general causation of disease, circulatory disturbancees, degenerations, inflamation, neoplasms, and parasitic diseases.

The didactic work is supplemented in the laboratory by the study of specimens, illustrating the pathologic conditions under discussion at the time in the lecture room. As one subject after another is taken up systematically, the class is furnished by the department with specimens representing the particular lesions lectured on, which the students are required to study, and of which they make drawings. These drawings are taken into consideration in making up the final credits of each student. At the same time all the pathologic material available is used in teaching the student to prepare, cut, stain and mount his own sections.

SPECIAL PATHOLOGY

This course is given to the junior class. The various tissues and organs are taken up in order, and the pathologic changes studied under general conditions before are now studied in their new relations and modifications.

GROSS PATHOLOGY AND POSTMORTEM WORK

This course is given to both junior and senior students, and consists of identification and study of diseased parts with the naked eye, and the various microscopic stainings and other reactions.

The technique of making autopsies is taught by demonstrations, and opportunity is afforded the students to assist in the performance of the work.

DEPARTMENT OF OBSTETRICS

GEORGE N. PERRY, M. D.,
Professor and Head of Department, and Assistants.

The subject of Obstetrics is taught in the junior year by didactic lectures, quizzes and the manikin and by thorough clinical instruction in the wards of the Freedmen's Hospital. The entire subject is covered by lectures which are closely followed by exhaustive oral and written quizzes.

There will be two lectures or recitations a week and three hours of ward work a week for the session.

The diseases of pregnancy and the abnormalities of the pelvis and genital tract are carefully presented and minutely considered, including the care and supervision of the patient during the entire period of gestation. Instrumental and surgical methods of delivery are taught and demonstrated on the manikin and on all cases requiring such aid in the hospital. Students are required to attend all cases of delivery in the hospital. Careful clinical instruction is given in the wards of the hospital including pelvimetry, vaginal examinations, palpation and all antepartum and postpartum conditions, both normal and abnormal.

Senior students are required to attend at least six cases of delivery and when sufficiently instructed, will be required to deliver, under the supervision of the Demonstrator, as many cases as possible.

DEPARTMENT OF SURGERY.

EDWARD A. BALLOCH, A. M., M. D.,
Professor and Head of Department.
AUSTIN M. CURTIS, A. M., M. D.
WILLIAM A. WARFIELD, M. D.,
Professor of Abdominal Surgery and Surgeon-in-Charge of Freedmen's Hospital.
WILLIAM A. JACK, M. D.,
WILLIAM G. ERVING, M. D.,
Professor of Orthopedic Surgery.
H. ATWOOD FOWLER, M. D.,
Professor of Genito-Urinary Diseases.
WILLIAM F. SOWERS, M. D.,
Instructor in Clinical Surgery.
HARRY H. KERR, M. D.,
Instructor in Clinical Surgery.
MILTON A. FRANCIS, M. D.,
Instructor in Clinical Surgery.

The subject of surgery is taught by didactic lectures, clinical lectures and operative clinics. Special stress is laid upon surgical pathology. The first semester of the junior year is given to this subject. During the fourth year students are brought into contact with practical surgery by means of ward work and as assistants at operations. This work is obligatory. Surgical diagnosis and the writing of case histories are taught in the hospital wards. In the minor surgery clinics students are taught the principles of aseptic surgery and operative technique. The course in operative surgery is illustrated by suitable material. Every effort will be made to give each student a thorough knowledge of modern surgery, theoretically and practically.

GENITO-URINARY DISEASES.

H. ATWOOD FOWLER, M. D.,
Professor and Assistants.

The work in genito-urinary surgery is chiefly clinical and the student learns by actual contact with the cases. Each student is taught urethral catheterization, the passage of bougies, the use of urethroscope and cystoscope, catheterization of the ureters, the technique of irrigation and instillations, together with the clinical laboratory examinations of urine, secretions and discharges. The hospital supplies

abundant material for these courses. Whenever necessary the clinical demonstrations in the branches are supplemented by didactic lectures.

ORTHOPEDICS

WILLIAM G. ERVING,
Professor and Assistants.

Two clinics a week for the term, preceded by short didactic lectures. It will be the aim of the department to teach as fully as the material to be obtained from the clinics and wards will permit by bringing the student in close contact with the actual cases. Every effort will be made to emphasize practical diagnosis and treatment of the affections included under orthopedic surgery. These will be demonstrated in the wards, clinics and operating room.

DEPARTMENT OF GYNECOLOGY

WILLIAM C. McNEILL, M. D.,
Professor and Head of the Department.
CHARLES H. MARSHALL, M. D.,
Assistant in Gynecology.

The instruction in Gynecology embraces lectures, recitations, demonstrations, and clinics.

Two hours a week of either lectures, recitations or examination of specimens and lantern demonstrations. It is intended that the histology, anatomic and pathologic as well as the operative side of Gynecology be made as clear as possible. Free use is made of charts, models, lantern slides and specimens, which are used to demonstrate diseases and operations.

The class is divided into sections which attend three clinics of two hours each per week throughout the session. These sections see all cases with the professor or his assistants before any plan of treatment is instituted.

In addition these sections write the histories of the patients ad-

anatomic and pathologic as well as the operative side of Gynecology, be

examinations of the secretions, and whenever possible, assist in the operations and after-care of the patients.

Students will be taught how to make examinations and diagnoses of the various Gynecological diseases, and to familiarize themselves with the handling of instruments.

Especial care is taken to instruct students how to perform the various plastic operations in Gynecology, which are of great importance in private practice, and are easily performed in routine work.

DEPARTMENT OF MEDICINE.

HENRY P. PARKER, M. D.,
Professor and Head of the Department of Medicine.
CARYL BURBANK, M. D.,
Assistant Professor of Medicine.
HENRY H. HAZEN, M. D.,
Clinical Professor of Dermatology and Director of Tuberculosis Dispensary.
EDWIN H. REEDE, M. D.,
Lecturer on Physical Diagnosis and Clinical Assistant in Medicine.
LEWIS C. ECKER, M. D.,
Clinical Assistant in Medicine.

The course in Medicine is in part practical and in part didactic; however the greatest stress is laid on the practical side.

The lecture course, given by Drs. Burbank and Hazen, consists of three exercises a week for two years, the subjects being so arranged that the two years' course taken by both classes, covers all the important medical diseases. This course is supplemented by a weekly quiz for each class.

The practical work, in the third year, consists of three exercises a week given by Dr. E. H. Reede, in the dispensary of the Freedmen's Hospital, where the patients there admitted, and suitable patients from the hospital wards are used for demonstration. In this course students are taught thoroughly the methods of examination and history taking; the plan of training being to give the students the ability to bring out and recognize the important symptoms and physical signs for themselves. The diagnosis of the separate diseases, simply the combination of the above, is brought about as a gradual evolution in the latter part of the course and in the succeeding year.

The practical instruction in the senior year is given in the wards of the hospital. The class is divided into small groups. The students in these groups take the patients admitted to the hospital in order. Students are required to take the patients' records, make examinations, if the patients' condition permits, and to make the laboratory examination of sputum, blood, urine, etc. The students are expected to

know the condition of the patients from day to day. On three days a week ward rounds are held by the Professor and his Assistants. The more instructive cases are shown to the complete group, the essential points of diagnosis, a differential diagnosis and treatment are illustrated at the bedside. Once a week the Professor meets both classes in the amphitheatre and there presents cases suitable for clinical lectures.

PEDIATRICS

GEORGE N. PERRY, M. D.,
Professor.
JOHN W. MITCHELL, M. D.,
Director of Clinic in Pediatrics.

The course, which is a graded one, consists of didactic lectures, class recitations and clinics. It is given in the junior year and consists of two recitations or quiz periods per week. The class is divided into several small groups and the students are assigned to service in the out-door and ward clinics.

In the didactic lectures particular attention will be given to maternal and artificial feeding of infants in health and disease and to the various methods of modifying milk; practical demonstrations of which will be given in the laboratory.

The several disturbances of nutrition will be considered and the practice of this knowledge in the wards and clinics at our disposal will give additional notice to the important subject of nutrition in the infant and young child.

The infectious and contagious diseases common to childhood will be considered in detail.

DEPARTMENT OF OPHTHALMOLOGY

ROBERT SCOTT LAMB, M. D.,
Professor and Head of the Department of Ophthalmology.
MARTHA M. BREWER-LYON, M. S., M. D.,
Clinical Assistant in Ophthalmology.
ELIZABETH SOHON, M. D.,
Clinical Assistant in Ophthalmology.

The work in this Department is intended to give the student such a general knowledge of the diseases of the eye as every well educated physician ought to possess. The students are given the privilege of

examining the cases, of studying the progress of the diseases and the effect of the treatment from day to day; and also of witnessing the delicate technique of the operations on the eye. Each exhibition of cases is followed by a brief discourse on the etiology, pathology, symptomatology and treatment of the diseases under observation.

The course in Practical Ophthalmology consists of a clinic three times a week by the Professor and Assistants, practical instruction in the Out Patients Department of Freedmen's Hospital to small sections of the senior class in the diagnosis and treatment of diseases of the eye, and demonstrations of operations. Each student is taught the use of the Ophthalmoscope, instructed in the use of the various instruments employed in functional examination, and shown the methods followed in recognizing and relieving eye-strain by means of glasses.

After the conclusion of the section teaching in the hospital, each student, by demonstrations, receives practical instruction in the principal operations of ophthalmic surgery.

OTOLOGY, LARYNGOLOGY AND RHINOLOGY

J. J. RICHARDSON, M. D.,

Professor and Assistants.

There will be one lecture and two clinics of two hours each a week for the session.

This course of lectures will comprise a presentation of the special anatomy and physiology of the upper respiratory tract; the etiology and pathology of affections of the ear, nose and throat, and a description of the more common diseases of these organs, their diagnosis and treatment. Where practicable, these lectures will be illustrated by cases of the diseases described.

Small sections of the class will be taught the regional anatomy of the nose and throat by means of preserved specimens and models; the methods of rhinological, otological, and laryngological examination, with an opportunity to practice those methods on cases, and the medicinal and operative treatment of cases of diseases of the ear, nose and throat.

MEDICAL JURISPRUDENCE

EDWARD D. WILLISTON, A. M., M. D.,

Professor.

The course in Medical Jurisprudence and forensic medicine will consist of a series of lectures, text-book study with reference to standard

authorities, and occasional quizzes. No attempt will be made to treat the subject exhaustively; the aim being to give the student a clear understanding of his legal rights and duties as a medical practitioner, and of the general bearing of medical knowledge upon legal problems, which a doctor may be called upon to assist in solving.

MENTAL AND NERVOUS DISEASES

WILLIAM L. ROBINS, M. D.,
Professor and Assistants.

There will be one lecture a week for the session. These lectures will be partly didactic, partly clinical. The didactic lectures will embrace systematic instruction in mental diseases, including: The essential principles of insanity; its nature and prominent features; concise definitions of the important technical terms used in psychological medicine, a comprehensive classification of mental diseases and their etiology, diagnosis, prognosis and treatment.

The clinical lectures will consist of the presentation of cases of mental and nervous diseases, illustrating the teachings of the didactic lectures.

DERMATOLOGY AND SYPHILOLOGY

HENRY H. HAZEN, M. D.,
Clinical Professor of Dermatology and Syphilology.

The work consists of two lectures or recitations and two clinics a week for the session. Small sections of the junior class are assigned to the cases presented in the clinic, and are expected to make the diagnosis and suggest the treatment. The cases are then fully considered, the lecturer in charge making corrections, if need be, and outlining the treatment.

GRADUATION

Candidates for the degree of Doctor of Medicine shall be at least twenty-one years of age and of good moral character; shall have attended the courses of lectures, etc., above described, at some regular medical college, the Senior course at least being at this School. They shall pass the final examinations, and shall have paid their fees in full. Students who have attended three courses of lectures in another school, affiliated with the Association of American Medical Colleges, may be examined for a degree on completing their senior course at

this School, and shall be examined in all the senior branches and also in those branches which they have not previously passed. Senior students who fail in their examinations must repeat their senior studies.

SUMMARY OF THE REGULAR FOUR YEARS' COURSE

The graded curriculum is arranged as follows:

Freshman Year

ANATOMY.—Lectures, 3 hours; practical work, 7 hours; recitation, 2 hours per week for the term.

HISTOLOGY.—6 hours laboratory a week; recitation 1 hour per week for the term.

PHYSIOLOGY.—Lectures, 2 hours; laboratory work, 3 hours; recitation, 1 hour per week for the term.

MATERIA MEDICA AND PHARMACOLOGY.—Lectures, 2 hours; laboratory work, 1 hour per week for the term.

ORGANIC CHEMISTRY AND TOXICOLOGY.—Lectures, and rectitations, 2 hours; laboratory work, 4 hours per week for the term.

Sophomore Year

ANATOMY.—Lectures, 3 hours; recitation, 2 hours per week for the term.

PHYSIOLOGY.—Lectures, 2 hours; laboratory work, 3 hours; recitation, 1 hour per week for the term.

EMBRYOLOGY.—Lecture, 1 hour; recitation, 1 hour; laboratory work, 2 hours per week for the term.

THERAPEUTICS.—Lectures, 2 hours; laboratory work, 2 hours; recitation, 1 hour per week for the term.

URINALYSIS.—1 hour per week for the term.

BACTERIOLOGY.—Lectures, 2 hours; laboratory work, 4 hours per week for the term.

PATHOLOGY.—Five hours a week lectures and laboratory work of the second half of the term.

TOPOGRAPHIC ANATOMY.—One hour per week after March 1st.

PHYSICAL DIAGNOSIS.—Lectures, 2 hours per week after April 1st.

PREVENTIVE MEDICINE, HYGIENE AND DIETETICS.—Lectures, 2 hours per week for the term. Two hours of laboratory work per week for the session.

BANDAGING.—Thirty hours of practice.

Junior Year

OBSTETRICS.—Lectures, 2 hours; clinics, 2 hours; recitations ——— per week for the term.

SURGERY.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour per week for the term.

ORTHOPEDICS.—Lectures, 1 hour per week from November to May 1st.

PRACTICE OF MEDICINE.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour per week for the term.

PHYSICAL DIAGNOSIS.—3 hours per week for the term.

PATHOLOGY AND CLINICAL MICROSCOPY.—5 hours per week for a half term.

ELECTRO-THERAPY.—1 hour per week for the term.

MEDICAL ZOOLOGY.—2 hours per week for half term.

DERMATOLOGY AND SYPHILOLOGY.—Lecture, 1 hour; clinic, 2 hours per week for the term.

PEDIATRICS.—Lecture, 1 hour; clinic, 1 hour per week for the term.

Senior Year

GYNECOLOGY.—Lectures, 2 hours; clinics, 6 hours per week for the term.

SURGERY.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour per week for the term.

PRACTICE OF MEDICINE.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour per week for the term.

ORTHOPEDICS.—Lectures, 1 hour; clinics, 4 hours per week from November to May 1st.

OPHTHALMOLOGY.—Lectures, 2 hours; clinics, 6 hours a week for half term.

MEDICAL JURISPRUDENCE.—Lectures, 1 hour per week for the term.

MENTAL AND NERVOUS DISEASES.—Lectures, 1 hour; clinics, 2 hours per week for the term.

OTOLOGY AND LARYNGOLOGY.—Lectures, 1 hour; clinics, 2 hours per week for the term.

GENITO-URINARY DISEASES.—Lectures, 1 hour; clinics, 2 hours per week for the term.

TROPICAL MEDICINE.—Lectures, 15 lectures beginning February 1st.

SCHOOL OF MEDICINE OF HOWARD UNIVERSITY.

Schedule of Lectures, Recitations and Clinics.

SESSION, 1912-1913.

FRESHMEN.

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 A. M.	Chemistry Lecture D. & P.	Physiology Recitation			Chemistry Lecture D. & P.	Physiology Recitation M. & D.
10 A. M.	Chemistry Laboratory D. & P. 2 hrs.	Physiology Laboratory 2 hrs. Pharmacy, V-a. 2 hrs.	Histology Recitation 2 hrs.	Anatomy Recitation	Chemistry Laboratory 2 hrs. D. & P.	Physiology Laboratory 2 hrs. M. & D Pharmacy V-a. 2 hrs.
11 A. M.						
1 P. M.	Organic Chemistry Lecture M. Pharmacy I-a.	Dental Technique D. 3 hrs.	Practical Anatomy M. & D. 2 hrs. Pharmacy I-a.		Organic Chemistry Lecture M. Pharmacy I-a.	Practical Anatomy M. and D. 2 hrs.
2 P. M	Materia Medica M. D. & P.	Chemistry Laboratory 2 hrs. M. Pharmacy I-b.	Materia Medica M. D. and P.	Chemistry Laboratory 2 hrs. Micro-Botany P.	Materia Medica M. D. & P.	
3 P. M.	Practical Anatomy M. and D. 2 hrs.	Physiological Chemistry M. & D. 3 hrs.	Physiological Chemistry M. & D. 3 hrs.		Practical Anatomy M. & D. 2 hrs.	
4 P. M.				Histology Laboratory 2 hrs. M and D.		Histology Laboratory M. and D. 2 hrs.
5 P. M.	Descriptive Anatomy M. and D.				Descriptive Anatomy M and D.	

SOPHOMORES.

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 A. M.	Physiology Laboratory 3 hrs. M. Operative Dentistry	Bacteriology M—3 hrs. Dental Anatomy & Pathology—D.	Physiology 3 hrs. Prosthetic Dentistry D.	Bacteriology 3 hrs. Operative Dentistry	Anatomy Recitation 2 hrs. Dental Anatomy and Pathology	Prosthetic Dentistry
10 A. M.	Physiology Laboratory D.	Dental Laboratory D. Pharmacognosy I. P.—2 hrs.	Physiology D. Pharmacy II. D.	Dental Laboratory Pharmacy V.-b. 2 hrs.		Urinalysis, Bacteriology D.—2 hrs.
11 A. M.					Hygienic Laboratory.	Anatomy. 2 hrs.
1 P. M.	Organic Chemistry Lecture D. and P.	Physical Diagnosis	Therapeutics Recitation M., D. and P. 2 hrs	Embryology M.	Organic Chemistry Lecture D. and P.	Embryology M.—3 hrs. Bacteriology 2 hrs.
Dental Infirmary open daily, except Sundays and holidays, 10 to 5 P. M.						
2 P. M.	Hygiene	Chemistry Laboratory D. & P.—2 hrs,		Organic Chemistry Laboratory D. & P.	Crown & Bridge Work D. Pharmacy II.	
3 P. M.	Therapeutics M., D. & P.		Bandaging.		Therapeutics M., D. & P.	
4 P. M.	Descriptive Anatomy M. & D.		Descriptive Anatomy M. & D.		Descriptive Anatomy M. & D.	
5 P. M.						

JUNIORS.

Hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 A. M.	Surgical Clinic M. Operative Dentistry D.	Surgical Clinic M. Dental Anatomy and Pathology D.	Lecture Orthopedics Surgical Clinics Prosthetic Dentistry	Surgical Clinics Operative Dentistry	Surgical Clinics Dental Anatomy and Pathology D.	Surgery Recitation Prosthetic Dentistry D.
10 A. M.	Dental Laboratory Pharmacy V-c. 2 hrs.	Surgery Lecture Until 1-1-13. M. & D. Dental Laboratory	Clinical Microscopy M. 2 hrs. Dental Laboratory Pharmacy V-c. 2 hrs.	Surgery—till 1-1-13, Lecture Dental Laboratory	Clinical Microscopy M.—2 hrs. Dental Laboratory D. Pharmacy P.	Obstetrics Clinic M. Dental Laboratory D, Pharmacy III-b.—P.-,10-12.
11 A. M.	Practice Recitation	Surgery—after 1-1-13. Lecture M. Pharmacy III-a. & b.		Surgery—after 1-1-13. Lecture Pharmacy III-a. & b.		
12	Dispensary Clinics	Dermatology Clinic M.	Dispensary Clinics M.	Dispensary Clinics M.	Dermatology Clinic M.	Dispensary Clinics M.
1 P. M.	Physical Diagnosis M.	Physical Diagnosis M. Dental Technique D.	Electro-Therapy M. Pharmacy IV-a.	Physical Diagnosis M.	Crown & Bridge Work D. Dispensary Work P.	
2 P. M.	Dental Infirmary Dermatology M. Micro-Botany-2hrs.P.	Dental Infirmary Obstetrics Lecture M. Dispensary Work-P.	Dental Infirmary Pediatrics Lecture M. Dispensary Work-P.	Dental Infirmary Practice of Medicine M.	Dental Infirmary Pathology 4 hrs, Till Feb. 1.	Dental Infirmary Obstetrics Lecture M. Dispensary Work-P.
3 P. M.	Pathology 3 hrs. Till Feb. 1.	Obstetrics Clinic-Section M.	Practice of Medicine Lecture M.	Medical Zoology M.		Medical Zoology M.
4 P. M.			Pathology 2 hours. Till Feb. 1.			

SENIORS.

Hour.	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9 A. M.	Surgical Clinic	Surgical and Gynecology Clinic	Orthopedics Lecture Till Feb. 1.	Surgical and Gynecology Clinic	Surgical and Orthopedic Clinic	
10 A. M.	Orthopedic Clinic	Surgery Lecture	Ward Clinic in Surgery and Orthopedic Surgery	Surgery Lecture		Gynecology and Genito-urinary Clinic
11 A. M.	Ward Work in Practice. 2 hrs.		Ward Work in Practice 2 hrs.	Genito-Urinary Diseases Lecture	Ward Work in Practice 2 hrs.	Minor Surgery
12	Mental Diseases Lecture M.	Practice Amphitheatre Clinic		Gynecology Clinic		Gynecology Clinic
1 P. M.	Nervous and Mental Diseases Clinic	Ear, Nose and Throat Lecture	Gynecology Lecture	Physical Diagnosis	Gynecology Lecture	Ear, Nose and Throat Clinic
2 P. M.	Practice Recitation	Medical Jurisprudence Lecture	Eye Lecture Till Feb. 1.	Pediatrics Clinic	Practice of Medicine Lecture	Eye Lecture Till Feb. 1.
3 P M.	Experimental Surgery	Practice of Medicine Lecture	Eye Clinic		Experimental Surgery	Eye Clinic

M—Medical.
D—Dental.
P—Pharmacy.
Post-Mortems as often as possible.

THE DENTAL COLLEGE

(This College is a member of the National Association of Dental Faculties.)

Howard University Dental College offers unexcelled advantages to young men and women for the study of dentistry.

While great attention is paid to the teaching of technic and theory, practical instruction so necessary to develop operative skill and dexterity and quick diagnostic judgment is not slighted.

FACULTY

REV. STEPHEN M. NEWMAN, A. M., D. D.,
President of the University.

EDWARD A. BALLOCH, A. M., M. D., DEAN, 1511 Rhode Island Avenue, N. W.,
Professor of Oral Surgery.

DANIEL S. LAMB, A. M., M. D., VICE DEAN, 2114 Eighteenth Street, N. W.,
Professor of Anatomy.

ANDREW J. BROWN, D. D. S., VICE DEAN, Dental College, 1326 L Street, N W.
Professor of Operative Dentistry and Operative Technic.

W. C. McNEILL, M. D., SECRETARY.

CLARENCE H. HOWLAND,
Emeritus Professor of Dental Anatomy and Pathology.

H. PORTER DAVIS, D. D. S., 1922 Third Street, N. W.,
Professor of Prosthetic Dentistry, Dental Metallurgy and Prosthetic Technic.

FRED P. BARRIER, D. D. S.,
Superintendent, Dental Infirmary and Lecturer on Dental Anatomy.

AMBROSE E. GASKINS, D. D. S., 1201 T Street N. W.,
Demonstrator in Dental Infirmary and Lecturer on Crown and Bridge Work.

JOHN R. FRANCIS, JR., D. D. S., 1800 Ninth Street, N. W.
Demonstrator in Dental Infirmary.

THOMAS W. EDWARDS, 1205 Linden St., N. E.
Demonstrator in Dental Infirmary.

COLLINS MARSHALL, M. D., 2507 Pennsylvania Avenue, N. W.
Professor of Pathology.

PAUL BARTSCH, M. S., Ph. D., 2416 Fourteenth Street, N. W.,
Professor of Histology; Director of Physiologic and Histologic Laboratories.

MARCUS WARD LYON, Jr., M. S., M. D., 48 V Street, N. W.,
Professor of Bacteriology and Director of Bacteriologic Laboratory.

EDWARD D. WILLISTON, A. M., M. D., 1507 S Street, N. W.,
Professor of Medical Jurisprudence.

HERBERT CLAY SCURLOCK, A. B., M. D., 428 College Street, N. W.,
Professor of Chemistry.

CHARLES I. WEST, M. D., 924 M Street, N. W.,
Associate Professor of Anatomy.

JOHN W. MITCHELL, M. D., Phar. D., 817 T Street, N. W.,
Professor of Materia Medica and Therapeutics.

ERNEST E. JUST, A. B.,
Professor of Physiology.

EDGAR B. KEEMER, Phar. C., 633 Fairmont Street, N. W.
Assistant Professor of Chemistry.

ALBERT RIDGELEY, M. D., 1543 M Street, N. W.,
Associate Professor and Demonstrator of Anatomy.

CARROLL A. BROOKS, M. D., 1321 T Street, N. W.,
Associate Professor of Physiology.

JAMES F. JOHNSON, A. M., M. D., 208 O Street, N. W.,
Assistant Demonstrator of Anatomy.

WILLIAM H. WILSON, M. D., 1835 Vermont Avenue, N. W.,
Assistant Demonstrator of Anatomy.

REQUIREMENTS FOR ADMISSION TO THE DENTAL COLLEGE

The candidate may be admitted to the Dental College upon presenting a diploma or equivalent certificate from an accredited high school or kindred educational institution, or upon passing a satisfactory examination. The diploma must be signed by a superintendent of schools or the principal of a high school, or other responsible school officer. A certificate showing that a candidate has been graduated from an accredited high school, or from a school giving an equivalent course, signed by a city or county superintendent of schools, or by a State superintendent of public instruction, will be accepted as the

equivalent of a diploma. A candidate who does not present a diploma or certificate must take an examination before a state superintendent of public instruction, or his deputy, and bring a report showing that the candidate has a preliminary education equivalent to that to be obtained in an accredited high school.

This School will receive no student in its regular course who is not present within ten days after the opening day of the session in each year, or in case of necessary delay, by reason of illness properly certified by the attending physician, within twenty days after the opening day, at option of the Faculty.

Students registering agree thereby to accept the discipline imposed by the Faculty.

It is desirable that students register early.

ADMISSION TO ADVANCED STANDING

Students who present certificates from other recognized dental schools covering subjects required in this College, will be accredited with such studies if the credentials are satisfactory to the professors in the respective departments, but when admitted to the third year, the candidate must do one full year's work in this School. Graduates of recognized medical colleges are credited with one year of time.

COURSE FOR DEGREE OF DOCTOR OF DENTAL SURGERY

The course covers three years. The year begins on the first day of October and closes on Commencement Day of the University. There are thirty-two weeks of actual instruction given six days in each week.

METHODS OF INSTRUCTION

The studies of the course are grouped by departments; the work of each department is graded from the more general and fundamental subjects to the more specialized and advanced.

The work in each department is planned with reference to that of other departments, and the greatest care is taken that the whole shall be so correlated that the student in taking up a new subject will find himself prepared by work done in other departments.

The course of study pursued in each year is different from each other year.

CURRICULUM

The curriculum comprises Anatomy, Anesthesia, Physiology, Histology, Materia Medica, Therapeutics, Chemistry, Toxicology,

Metallurgy, Oral Surgery, Operative and Prosthetic Dentistry, Dental Technic, Pathology, Bacteriology, Hygiene, Orthodontia and Medical Jurisprudence.

The course is three years; the studies of the first year are the same as those of the medical students of the same year, with the addition of Operative Technique. During the second year the students must attend all the subjects of instruction if they wish to graduate at the end of the third. They will be examined at the end of each year in the corresponding branches; should they fail to pass or to be examined in any branch, they must continue attendance on the same during the ensuing year.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Dental Surgery is conferred upon those candidates not less than twenty-one years of age, of good moral character, who have completed satisfactorily the required course of study and have passed the examinations therein, and have completed all technical and practical laboratory and clinical requirements. No student will be recommended for a degree who has not been a member of this School during the whole of the last or senior year. The standing of students is based upon examinations, monthly reports of attendance, quizzes and infirmary practice.

No student will be recommended for a degree until all financial obligations to the University shall have been discharged.

SCHOLARSHIPS

The Faculty of the School of Medicine has granted one free scholarship in the Dental College to graduates of the M Street High School and the Armstrong Manual Training School, Washington, D. C. The recipients of these scholarships are to be named by the Faculty Council of this College upon proper recommendation.

SPECIAL LECTURES

At stated times important special lectures will be given. The object of these lectures is to afford the student an opportunity to attend special courses given by dental practitioners who are eminent in some special branch of the subject.

These lectures, which are accompanied by clinical demonstrations, add greatly to the value of the regular course.

LECTURES, ETC.

What has already appeared under this heading in regard to the Medical College will apply in the corresponding branches to the Dental College.

COURSE OF STUDY

The course of study is graded, and extends over three years.

First Year

The first year instruction is in Anatomy, Dental Anatomy, Physiology, Chemistry, Chemical Laboratory, Histology, Materia Medica, Physiological Laboratory, Operative and Prosthetic Technics, Anatomical Laboratory, Physiologic Chemistry.

Second Year

In the second year instruction is given in Dental Chemistry, Metallurgy, Bacteriology, General Pathology, Dental Pathology, Prosthetic Dentistry, Dental Therapeutics, Operative Dentistry, Anatomy, Physiology, Crown and Bridge Work, Infirmary and Prosthetic Laboratory.

Third Year

The senior course of instruction consists of a review of the subjects of the second year, Oral Surgery, Dental Medicine, Orthodontia, Crowns and Bridges, including Porcelain Work, General Anesthesia, Operative and Prosthetic Dentistry, Radiography, Electricity, Dental Jurisprudence and Hygiene.

ANATOMY

Professor D. S. Lamb, Drs. West, Ridgeley and Assistants.

Dental students receive the same course as the medical students.

The equipment of the Department of Anatomy is new and very complete. The large Anatomical Laboratory is well lighted, the ventilation is good. The floor is waterproof, and has such drainage arrangements that it can be flooded with hose and kept clean. On payment of a small deposit, bones may be taken for home study.

CHEMISTRY

Professor Scurlock and Assistants.

The Chemical Laboratories are large, well ventilated and complete in every respect. One laboratory is devoted to the General Chemistry and Qualitative Analysis of the year, and other practical applications of chemistry of interest to dental students. In addition to the main laboratories, there are facilities and apparatus for testing the physical properties of metals, amalgams, etc., and an oven covered with a hood for carrying off the fumes, and equipped for alloying, assaying and refining.

First Year.

(a) General and Inorganic Chemistry—Lectures and Recitations. Four hours a week.

(b) General Laboratory—Illustrative experiments in general and inorganic chemistry. The metals and their compounds. Qualitative chemical analysis of unknown mixtures, particularly bases and alloys. Two hours a week for the term.

Second Year.

(c) Organic Chemistry—Lectures and Quizzes. Four hours a week.

(d) Laboratory—Elementary quantitative chemical analysis and illustrative experiments in Organic Chemistry. Two hours a week.

HISTOLOGY

Professor Paul Bartsch and Assistants.

The department is provided with a large laboratory, furnished with microtomes, reagents, microscopes, electric lights, and other appliances or equipment for preparation of specimens and microscopic study. It is also provided with a stereopticon, reflectoscope and projecting microscope for demonstration purposes. Adjoining this large laboratory, there is a professor's study, and preparation laboratory with a photographic room fully equipped with all necessary apparatus.

The laboratory classes are usually divided into sections. This work has been greatly aided by a large collection of lantern slides from photo-micrographs and framed photographic prints; and by a large histological museum containing 50,000 microscopic slides sufficient in number on any given subject for a full section of the class, illustrating not only all the ordinary soft tissues, but also the peridental membranes, dental pulp, periosteum, and ground sections of the teeth. These microscopic slides and sections, together with those stained and mounted by students, are used by the classes for purposes of study.

DENTAL HISTOLOGY

Professor Bartsch and Assistants.

There are one lecture and four hours of laboratory work per week throughout the term.

Under this head, the instruction includes the minute anatomy of the tissues of the teeth, and their histologic elements, together with a thorough course on embryology of the mouth. Students of the first

and second years devote a portion of each session to general and special dental histology, as taught in the histologic laboratory.

Many of the lectures in this department are illustrated by lantern slides, in most instances reproduced by numerous dissections from the actual subject, in the preparation of which the incumbent of the chair has made a special effort to fully cover the branches under consideration.

PHYSIOLOGY

Professor Just and Assistants.

The Dental Students receive the same lectures, etc., that the Medical Students do. In the lectures, special attention will be given to all points bearing upon the teeth, saliva and nerves concerned in mastication. The action of digestive ferments will also be demonstrated before the class. The lectures are supplemented by experiments and demonstrations.

MATERIA MEDICA AND THERAPEUTICS

Professor Mitchell and Assistants.

There will be three hours of lectures and recitations a week throughout the session.

The lectures upon Materia Medica will embrace all the new additions and latest discoveries in this department of dentistry and complete dental pharmacology, with derivation, nature, physiological action, dose, and the antidote or antagonist of each drug, together with a practical knowledge of prescription writing for the intelligent administration of the same. This will fill a long-felt want among students of dentistry, who, as a rule, are not taught the general and systematic administration of medicines and the method of writing prescriptions for their use. Students are taught to write upon the board practical prescriptions for treatment of definite pathological conditions.

BACTERIOLOGY

Professor Lyon.

Bacteriology is an important part of the junior year. It is presented especially in its relation to dental pathology and dental practice. The student is familiarized with the general principles of the subject, with the nature of the organisms, the place they occupy in nature, their physiological processes, how and where they grow, how they live, what they do, and how they produce disease.

The micro-organisms of the human mouth receive special attention. They are collected from patients in the infirmary and from members of the class in the lecture room, thus pointing out their natural habitat and the appearances produced by their natural growth. These are cultivated in the various culture media, illustrating the growths as they appear to the naked eye in such ways as to illustrate the practical necessities of aseptic operating in dentistry, when and how dangers of infection arise, and how to avoid them. Species will be separated by plate culture, and pure growths of varieties obtained directly from the mixed growth gathered from patients and students. The forms of growth as they appear to the naked eye on the various culture media and the microscopic character of the organisms, methods of staining, mounting, etc., are studied.

PROPHYLAXIS AND HYGIENE

Professors M. W. Lyon, Jr., and N. D. Graham.

This institution and its teachers have recognized for sometime that Oral Hygiene and Prophylaxis are important factors in the preservation of teeth. Much of the best thought and research of the profession today is toward this modern teaching of Dental Surgery. The scope of this course will be broad and comprehensive, a large clinic affording full opportunity for a thorough understanding of pyorrhea alveolaris, gingivitis and oral prophylaxis from a practical viewpoint. Special features covering these important subjects will be given. The most advanced treatment, will be followed with the student and his patient, under the supervision of the instructor of this department, the object being to better prepare our graduates to specialize in this branch.

DENTAL ANATOMY AND OPERATIVE TECHNIC

Professor Brown and Dr. Barrier.

Dental Anatomy, the Anatomy of the Human Teeth, is taught in the *first semester,* and Operative Technic is taught in the *second semester.* The first two weeks are given mostly to the study of dental nomenclature, or the study of the names of things with which the student must become familiar in the course of his dental studies. Then descriptive human dental anatomy is taken up and the forms and surface markings of each tooth studied. This part of the work is illustrated by models, enabling the lecturer to locate every detail of form and of surface markings upon the teeth so that they may be accurately understood.

After a lecture and recitation upon a particular tooth, the student selects several of that denomination from a large number of promiscuous teeth and cuts at least one longitudinal and two transverse sections for the study of the pulp chamber and root canals, together with their relations to the external surfaces of the tooth. This general plan is carried out with each tooth of the human mouth.

In order that tooth forms may be more perfectly impressed upon the mind, during this study, and be of use in shaping teeth, artificial crowns and fillings in teeth in after-practice, a tooth of each class, as the incisors, cuspids, bicuspids and molars, is made by each student, first in clay then in bone or ivory, representing the actual size and form of the tooth.

METALLURGY

Professor Davis.

This subject will be taught during the senior year—one lecture each week—in which those metals used in dentistry will be most prominently considered, as iron, steel, copper, zinc, tin, lead, aluminum, silver, gold, platinum, etc. The art of soldering, characteristics of the various metals, the compounding of solders, fluxes, alloys, etc., will be included in this course and practically demonstrated in the laboratory.

ORAL PATHOLOGY

Professor Marshall and Assistants.

With this important branch will be thoroughly taught, in its general relation to the human system, by the lecturer on Pathology, the special features pertaining to dentistry, which will be minutely treated in a course of lectures continuing through the middle and senior years, two hours each week, and careful attention bestowed upon such pathologic conditions and their remedial agents as will best fit the dental student for actual practice.

The possible infantile disturbances during dentition; the pathologic relations of the teeth to the other parts of the system; pathologic actions involving the tissues of the teeth—diseases of the dental pulp, pericementitis, alveolar abscess, excementosis and dental caries; the bacterial life processes instrumental in the causation of dental caries, and their classification; pyorrhea alveolaris; morbid growth found in the oral cavity; empyema of the antrum; necrosis and numerous oral conditions, will be fully discussed and explained; due consideration will also be given to the diagnosis of syphilitic conditions in the oral

cavity, the treatment of shock, syncope, hysteria, etc., conditions which oftentimes confront the busy dentist, and upon the knowledge of which an intelligent and broad practice must be founded.

PHYSICAL DIAGNOSIS

Dr. Reede

With the progress that has been made in all the departments of the practice of dentistry, it becomes not only desirable, but necessary that the practicing dentist should be able, not only to make such an examination of his patient as may enable him to determine as to the advisability of the use of an anesthetic, but he should also know the conditions which should influence him in the selection of the anaesthetic for each individual case.

This with a knowledge of the physiological action of the individual, anæsthetics and the proper remedies and procedure to be resorted to, in case of threatened or actual failure of the vital functions, will prepare the anæsthetist to take such care of his patient as the nature of the case may require.

It has therefore been considered advisable to give a course of lectures, with such clinical instruction as may be necessary to cover the subject fully.

ELECTRICITY AND X-RAY

Professor Scurlock and Assistants.

The lectures in this course will embrace a study of the principles underlying the use of the current in its practical application to dentistry; the construction of cells and their grouping to form batteries; the direct and alternating currents, when and where they can be used; methods of controlling the current; construction of motors and how to use them; the use of the current for lighting and heating purposes, either on a large or small scale, etc.

ANAESTHESIA

Geo. W. Davis, M. D.
Dr. Francis

Will be presented in detail in lectures, experimentally upon animals and in clinical illustrations, embracing all the agents used for the mitigation of pain. Nitrous Oxide, somnoform and local Anaesthetics will be exhibited daily in the extracting clinic, and ether and chloroform in the surgical clinic.

It is especially intended that this course of instruction shall embrace those conditions which the dentist is likely to meet with in his practice, not omitting careful attention to the minor surgical operations which the dentist should ordinarily do for his patient.

PORCELAIN

Professor Brown

Porcelain is attracting more and more attention. It is the more artistic method of restoring teeth or parts of teeth. Cavities in the natural teeth can be filled with porcelain inlays, which cannot be detected.

Students of this school will be expected to attain a high degree of proficiency in the manipulation of porcelain. The College is equipped with furnaces for continuous gum work and machines for casting of gold inlays. Students are taught how to construct inlays by the use of gold and platinum matrices, the different blending of colors, and also a complete course of lectures is given covering the entire subject.

ORAL SURGERY

Professors Balloch and Curtis.

Two lectures per week, one quiz and one clinic of two hours per week are given during the first semester. The course embraces instruction in the general principles of surgery and their practical application to pathological conditions occurring about the mouth and face, giving special attention to diagnosis and recognition of conditions requiring surgical interference. It includes the extraction of teeth, with special attention to the difficulties encountered in cases of malposed and impacted teeth, the surgical treatment of facial defects and blemishes, the surgical treatment of alveolar abscesses, the treatment of caries and necrosis of bones, fractures of the jaw, including the various devices and method of fixing and retaining fractured and displaced bones in position. The treatment of diseases of the antrum of Highmore, the diagnosis and removal of tumors occurring about the mouth and face, the exsection of nerves in the surgical treatment of persistent neuralgias, etc. The whole clinical course is an exemplification of aseptic and antiseptic surgery in its adaptation to, and uses in, the various phases of the surgical treatment of both accident and deliberate operative cases.

PROFESSIONAL ETHICS AND DENTAL JURISPRUDENCE

Professor Williston.

Occupies one lecture per week during the first semester. It consists of a brief statement of the more important principles of morals, or the relations of man to his fellow man in social life, in business, the fellowship that should exist between men, and the duties of the individual to the general public. This will occupy considerable of the earlier part of the course. It will be followed by an exposition of the special duties and moral obligations of professional men to their patients, toward their fellow practitioners, and toward the public, for upholding the honor and dignity of the profession. The more important differences between the profession and business or manufacturing pursuits will be explained with reference to the ethical standards that are right and appropriate in each. The Professors and Faculty earnestly desire that students understand and appreciate the high standard of moral quality and devotion to duty which ought to characterize all professional men.

OPERATIVE DENTISTRY

Professor Brown and Assistants.

The course of lectures in the branch of Operative Dentistry includes the consideration of the preparation of all forms of cavities, of different filling materials—plastics, gold and porcelain—the methods employed in the preparation and manufacture of each, as well as how and when each is used. Also a description of all appliances and instruments used in Operative Dentistry, and all new and modern inventions, discarding all those which are useless and antiquated. Models, patterns, diagrams, lantern slides and other illustrations, help to make the subject plain and lucid, yet complete and practical.

The practical work in the branch has been arranged so that the course is systematic, progressive and graded.

There are two lectures twice a week throughout the session, which are augmented by practical and clinical work.

ORTHODONTIA

Professor Brown.

This subject is taught during the middle and senior years.

Beginning with normal occlusion, the lectures take up the different classes of malocclusion, special attention being given to diagnosis and treatment. This is followed by several lectures on retention, followed by a course in model and appliance making.

In the senior year, the instruction is mainly clinical, and is given at the individual chair in the Infirmary.

PROSTHETIC DENTISTRY

Professor H. P. Davis, D. D. S.

Frederick P. Barrier, D. D. S., in charge of Laboratory.

Prosthetic Dentistry will be thoroughly taught in every detail, both by lectures and clinical demonstrations, each lecture as far as practicable, being followed by clinics, so that students may have a thorough appreciation of the teaching practically applied.

The laboratory is spacious, well lighted and ventilated, and thoroughly equipped for the practical teaching of this most important branch of dentistry. It is under the direct personal supervision of the professor, assisted by a competent demonstrator and assistant.

The course embraces the proper fitting up of a dental laboratory, the use of tools, the preparation of the mouth for dentures, methods of taking impressions of the mouth and articulations, the materials used, their composition and manipulation, as well as the preparation of models for dentures made on the various bases. The anatomical and artistic arrangement of the teeth, viz, in mastication, enunciation, facial contour, etc., will be most carefully considered; formulae for compounding bodies and enamels used in the manufacture of artificial teeth and continuous gum; vulcanite and celluloid, their compositions and methods of working, including all varieties of repairing; fusible metal bases; the construction of metal plate work in gold, silver, platinum, aluminum, etc.; making dies and counter-dies from the different materials used; swaging and fitting of plates, and of soldering, bending and fitting of clamps; combination plates of metal and vulcanite or celluloid; the mechanical treatment of cleft palate, including the several methods of constructing vela and obturators; ceramic dentistry, covering continuous gum work, the different methods of fusing, furnaces, bodies, enamel, etc., will be thoroughly and practically covered in every detail.

The technic course extends through all the three years, covering a complete training in prosthetic technic, and carefully preparing the student for practical work, including the taking of impressions, articulations, preparations of models, the construction of dentures on the different bases, etc. That time may be utilized and the student receive personal instruction, the classes are subdivided into sections. Students are at once assigned to a section with competent demonstrators, and given a systematic and practical course. Before passing from one

class to another, the student is obliged to obtain from the demonstrator in charge a certificate of qualification, which, together with the work performed, will be finally passed upon by the professor in charge of the department.

CROWN AND BRIDGE WORK

Dr. Gaskins

Preparation of the roots of extracted teeth for bands, fitting bands, carving cusps in plaster and other materials, making dies, swaging cusps, soldering cusps to bands and finishing.

Making porcelain-faced crowns, conforming bands and constructing copes, grinding and backing, facing and fitting to cope, investing, soldering and finishing, constructing various forms of porcelain and metal dummies, previously constructed and forming bridges, investing, soldering and finishing.

DENTAL INFIRMARY

Frederick P. Barrier, Superintendent.
Ambrose E. Gaskins, D. D. S., Senior Demonstrator.
John R. Francis, Jr., D. D. S., Demonstrator.
Thomas W. Edwards, D. D. S., Demonstrator.

The Dental Infirmary and Laboratory have been moved to a larger building, with 6,000 square feet of floor space, which is well lighted, ventilated and gives increased facilities. New dental chairs and laboratory apparatus have been added so that the equipment of these departments compares favorably with that of the best colleges, and is especially designed for the successful teaching of modern dentistry. The opportunities offered students for special preparation to enter private practice are not exceeded by any other college.

The Infirmary is open the year round, daily, except Sunday, from 10 A. M. to 5 P. M. It is in charge of educated and experienced demonstrators. Here are taught in practice the theories set forth by the three chairs. Abundant clinical material is always at hand, and students are required to perform all operations in ordinary practice. No student is excused from this service. The outfit of the Dental Infirmary and of the laboratory is complete.

Students furnish their own instruments, except forceps, lathes and vulcanizers. Dental engines can be bought for from $15.00 to $36.00 apiece. A list of the necessary instruments will be furnished to first-year students, the cost of which will not exceed $20.00.

Special pains will be taken to make the course of teaching practical and at the same time thorough.

No student can enter the senior class unless he has the certificate of the demonstrator and professor that he has attended the regular afternoon clinics during the session.

The fact that the immense hospital of the University, with all its wealth of instruction, is free to the dental classes, and that this hospital is at the very door of the College, makes the opportunity for study unsurpassed.

All friends of the College are requested to add to the collection of curiosities and abnormal specimens now accumulating. Dentists are reminded that the abnormal specimens lying idle in their cabinets may be of great benefit to the student.

THE PHARMACEUTIC COLLEGE

FACULTY

REV. STEPHEN, M. NEWMAN, A. M., D. D.
President of the University.

EDWARD A. BALLOCH, A. M., M. D., DEAN, 1511 Rhode Island Avenue, N. W.,

J. HERVE PURDY, Phar. D., VICE-DEAN, 2612 University Place, N. W.
Professor of Pharmacy, and in charge of Pharmaceutic Laboratory.

W. C. McNEILL, M. D., SECRETARY.

EDGAR B. KEEMER. Phar. C., 633 Fairmont Street, N. W.
Professor of Theory and Practice of Pharmacy.

JOHN W. MITCHELL, M. D., Phar. D., 817 T Street, N. W.,
Professor of Materia Medica and Therapeutics.

HERBERT CLAY SCURLOCK, A. B., M. D., 428 College Street, N. W.,
Professor of Chemistry and Urinalysis.

ERNEST E. JUST, A. B.,
Professor of Physiology.

MARCUS WARD LYON, JR., M. S., M. D., 48 V Street, N. W.,
Professor of Microscopy and Bacteriology; Director of the Bacteriologic Laboratory.

ADVANTAGES

It is of great advantage to the students of pharmacy to attend a college where medicine, dentistry and pharmacy are taught simultaneously. Students of pharmacy have the benefit of thus associating with a large number of students in annual attendance, coming from all parts of the world, and, as students comprising the different schools are considered on an absolute equality, all have the access to the various clinics, etc., thus affording the students of pharmacy an exceptional opportunity of association with students pursuing studies so intimately related as the professions of pharmacy, medicine and dentistry.

REQUIREMENTS FOR ADMISSION

Applicants for admission must present a certificate of good moral character and fitness to enter upon the study of Pharmacy, shall be at least seventeen years of age, and shall have had eight years of grammar school work and one year of high school work or equivalent, which shall include one year's study in Latin.

ENTRANCE WITHOUT EXPERIENCE

Students are not required to have drug store experience at entrance, and many students enter college who have never worked in drug stores. However, such experience is very desirable, and students are advised to acquire it before taking up the study of Pharmacy.

SCHOLARSHIPS

The Faculty of the School of Medicine has granted one free scholarship in the Pharmaceutic College to graduates of the M Street High School and the Armstrong Manual Training School. The recipients of these scholarships are to be named by the Faculty Council of this College upon proper recommendations.

COURSE OF STUDY

Three years' study required before graduation.

The rapid progress made in the sciences and arts directly affecting the practice of Pharmacy, and the widely diversified knowledge now required to keep the pharmacist in touch with the best results of modern research, have made an extension of the course of instruction imperatively necessary. Students entering the College will therefore be required to take a course of study covering a period of three years before they will be entitled to graduation. Upon entry, students will be assigned to the first year class, from which, after passing a satisfactory examination, they will be promoted to the second year and senior classes at the end of the first and second scholastic years respectively.

CURRICULUM.

The curriculum comprises Chemistry, Toxicology, Urinalysis, Botany, Materia Medica, Pharmacy, Pharmacology, Microscopy, Physiology, Therapeutics and Bacteriology.

The course in pharmacy comprises three sessions, each of not less than thirty teaching weeks' duration.

LECTURES, ETC.

Instruction will include didactic lectures, recitations and laboratory work.

What has already appeared under this heading, in regard to the Medical College, will apply in the corresponding branches to the Pharmaceutic College.

The student is admonished that his conduct in the laboratory, his punctual attendance in his classes and interest shown in his work, will have great weight with his instructors, while the lack of these qualities will certainly act against him.

Students will be required to have the necessary textbooks for each branch at the beginning of the session. It has been so arranged that only such books as are needed will have to be purchased at once.

EXAMINATIONS

Midwinter examinations are held during the week preceding the Christmas vacation. At the close of the session of the first year, students are examined upon the subject matter of the courses included in the year's work. Students failing in three of the subjects of either year are required to repeat the whole year's work and are not eligible for promotion. Students who are conditioned in the subjects of the first year, but who have passed in a majority of them, are examined on the subjects in which they have conditions at the opening of the succeeding seession. Failing to pass then they are required to repeat the course in the subjects on which they are conditioned, in addition to the work of the other year.

ADMISSION TO ADVANCED STANDING

Students who have attended one or more courses of lectures at some other registered college of pharmacy will be admitted to the same class of this College upon presentation of evidence that they have successfully passed their examinations, to which they are entitled by reason of time spent and branches passed.

The final examinations, of which due notice will be given, are held during the two weeks preceding commencement. For admission to senior examinations, attendance upon three full courses of lectures and the laboratory courses is required.

REQUIREMENTS FOR GRADUATION

The diploma of the College confers the degree of DOCTOR OF PHARMACY (Phar. D.). Applicants for this degree must have had the required preliminary education, be of good moral character, have attended three full courses in this College, or the last course in the College and the first two in some other registered college of pharmacy; have passed satisfactory examinations and paid all fees as hereafter stated.

MATERIA MEDICA, THERAPEUTICS AND TOXICOLOGY

Professor Mitchell and Assistants.

Three hours of lectures and recitations each week throughout the term for students of first year.

Students in the Pharmaceutic College receive the same course of instruction as given to the medical students. For additional information see page 152.

URINALYSIS

Professor Scurlock.

The senior class in Pharmacy attends the course in Urinalysis which consists of lectures, recitations and laboratory work. Emphasis is placed upon the laboratory practice, and students are required not only to learn how to make correct analysis, but also to interpret them correctly. From the hospital wards a great variety of specimens may be obtained, and each student is required to report upon several cases, the analytical work being checked by an instructor.

PHYSIOLOGY

Professor Just.

Senior students attend lectures in Physiology.

CHEMISTRY

Professor Scurlock.

The course in chemistry requires two years. The first year's work considers general inorganic chemistry. In the class room a great deal of attention is given to equation writing and stoichiometry, in addition to the usual descriptive and theoretical matter included.

Laboratory: The laboratory work begins with simple glass work and the manner of setting up apparatus, which is followed by a selected set of experiments for the study of the elemental gases, the halogens, the non-metals and the metals. In the second semester, elementary qualitative analysis is given; beginning with the analysis of simple known solutions, it passes to more difficult and complex unknown solutions. Each student is required to analyze satisfactorily about twenty-five unknowns.

Chemistry I-a. General and Inorganic Chemistry. Lectures and quizzes. 2 hours. First year. Professor Keemer.

Chemistry I-b. General and Inorganic Chemistry. Laboratory. First year 4 hours. Professor Keemer.

Chemistry II-a. Organic Chemistry. Lectures and quizzes. 2 hours. Second year. Professor Scurlock.

Chemistry II-b. Organic Chemistry. Laboratory. 4 hours. Second year. Professor Scurlock.

PHARMACEUTIC BACTERIOLOGY

Professor Lyon.

The course in Bacteriology for Pharmacy students is essentially the same as that for Medical students, but necessarily more elementary. Less stress is laid on the pathologic and clinical aspects of the subjects, and more attention paid to the various forms of sera and vaccines likely to be handled by pharmacists.

BOTANY

Professor Schuh.

Two hours of lectures and laboratory work once a week.

Instruction in Botany will begin on the first Wednesday in October, with the study of the elementary tissues of which plants are composed and the manner in which these tissues are built up into roots, stems, leaves, flowers and fruits. Physiology and classification will then be considered, together with the collection and identification of fresh specimens. The second year class will be expected to examine and compare samples of botanical drugs, so as to become acquainted with their appearance under the microscope, as well as with the adulterations likely to occur in trade. The course will be copiously illustrated with lantern slides and microscope specimens. "Bessey's Essentials of Botany" will be the textbook used. Students some time during the course, must collect and prepare for preservation at least twenty-five specimens of our native plants.

MICROSCOPY

Professor Keemer.

This College, recognizing the importance and value of Microscopy in the Practice of Pharmacy, has established a course in this branch and requires full attendance from middle and senior students upon the instruction given.

There will be two hours a week of both lectures and laboratory work.

The first part of the instruction will include the proper manipulation of the microscope, and such features concerning microscopic technique as will be most necessary to students of Pharmacy.

After these studies, the work will consist of the examination of plant tissue as illustrated in various vegetable substances most familiar to pharmacists. Special attention will be given to the structural characteristics by which one drug can be distinguished from another, as well as the detection and identification of the most common adulterants used.

The importance of a knowledge of starches as a means of identification will involve a study of the most common ones, and will constitute an important feature in the first part of the course. The various parts of the plant organism will then be studied microscopically, using drugs as the basis of material. This will require in some cases the use of fresh material, while in others dried samples will be used. Drugs commonly used in the powdered condition will first be examined in the entire state by means of sections, after which the powdered form will be studied.

PHARMACY

Professor Keemer.

Pharmacy I-a. Theoretical Pharmacy, consisting of a study of the principles and processes of Pharmacy, with demonstrations of the same; also the classification of Natural medicinal products, and galenical preparations. Lectures and recitations. 3 hours. First year. Professor Keemer.

Pharmacy I-b. Pharmaceutical Arithmetic, a systematic study of the different types of problems met with in the practice of Pharmacy. Recitations. 1 hour. Second semester of first year. Prof. Keemer.

Pharmacy II. Official Pharmacy of Inorganic Compounds, including the study of all official inorganic compounds and the more important unofficial ones, with the identification and preparations of the same. Recitations. 2 hours. Second year. Professor Keemer.

Pharmacy III-a. Official Pharmacy of Organic Compounds, consisting of a study of all official organic compounds and their derivatives, including alkaloids, glucosides, and neutral principles. Recitations. 2 hours. First semester of third year. Professor Keemer.

Pharmacy III-b. Pharmacopoeia and National Formulary. A detailed review of the same. Recitations 2 hours. Second semester of third year. Professor Keemer.

Pharmacy IV-a. Prescription Reading and Incompatibilities. Lectures and recitations. 1 hour. Third year. Professor Keemer.

PHARMACOGNOSY

Professor Keemer

Pharmacognosy I. A study of crude drugs, with special reference to identification, preservation, source and constituents. Recitations and Lectures. 2 hours. Second year. Professor Keemer.

PHARMACEUTICAL LABORATORY WORK

First Year

Professor Purdy and Assistants.

Two hours a week laboratory work for the session.

The laboratory work of the first year will supply the practical aid to the theoretical teaching.

The student will have the opportunity to become perfectly familiar with the apparatus used in pharmaceutical work and the manipulation of the same, thus giving him the technical training which contributes much to his success in the store. He will also be taught the care of apparatus, rules to be observed in laboratory work, recording results, etc. Instruction will be given upon the proper use of the Pharmacopoeia and manner of reading formulae.

Through a series of practically adapted lines of work, he will be enabled to master the different systems of weights and measures. After this, will be given the methods employed and apparatus used in determining specific weight and its application to pharmacy, specific volume, dilution, fortification and mixing of alcohol to produce any desired strength, the computation of averages and proportions in mixing to produce any desired values (or percentages). How to express, use and transpose formulae in parts by weight. Methods for measurement of heat, manner of testing and using thermometers, etc.

The remainder of the year will be devoted to the preparation of a series of official galenical preparations, enabling the students to judge quickly and accurately as to the best method of making these various pharmaceutical preparations.

Second Year.

Three hours a week for the session.

The laboratory course for the second year is a continuation of the preparation of official preparations, requiring various pharmaceutical processes and operations such as the various methods of percolation, recovering of alcohol from exhausted drugs and weak percolates, determination of the percentage of alcohol in the recovered liquid, methods of regulating and modifying heat by use of baths, mode of

conducting evaporation, principles involved in processes of distillation, different modes of sublimation, solution, decantation, colation, lotion, filtration, maceration, digestion and fusion.

The remainder of the year will be devoted to making such preparations as cerates, ointments, plasters, chartae, suppositories, powder masses, confections, pills, and the various excipients used in making them.

The laboratory work will follow as closely as possible the subject matter of the lectures, each student receiving individual attention and instruction.

Third Year

Three hours four times a week for the session.

The laboratory course of this year is devoted to more advanced pharmacy than the preceding course and will have a special bearing in fitting the student for actual professional work.

Prescription dispensing and magistral pharmacy will be entered into more fully than during the former courses, for under this head comes the most important instruction in pharmacy, since it embraces the principal amount of labor in the store and calls for more tact, knowledge and skill than any other branch.

Practice will be afforded in applying the pharmacopoeial tests, that the students may become familiar with the methods of the identification and detection of impurities in official substances.

Special attention is given to assaying—The student will be thoroughly instructed in the pharmacopoeial methods of assaying drugs with the purpose of determining their values from both the mercantile and the scientific viewpoint.

In this part of the course, the student is made familiar with the practical application of pharmaceutic chemistry which will enable him to apply the various tests for the identification of alkaloids, glucosides, fixed and volatile oils, resins, gums, etc.

POST-GRADUATE SCHOOL AND POLYCLINIC FOR MEDICINE AND DENTISTRY

Rev. Stephen M. Newman, A. M., M. D., *President.*
Edward A. Balloch, A. M., M. D., *Dean.*
Daniel S. Lamb, A. M., M. D.,*Vice-Dean.*
Wm. C.McNeill, M. D., *Secretary.*

GENERAL STATEMENT

The Medical Faculty desires to inform the Alumni of the Medical and Dental Colleges of Howard University, and the profession through-

out the country and the British West Indies, that the *sixth session* of the Howard University Post-Graduate School and Polyclinic will begin June 1, 1913, and continue six weeks for the Medical Course and four weeks for the Dental Course.

REQUIREMENTS FOR ADMISSION

This School of Instruction is exclusively for members of the Medical and Dental professions whose credentials are satisfactory.

INSTRUCTION

The instruction will be personal, thorough and exact. Every general practitioner who desires to keep abreast of the great advance in Medicine, Dentistry and Surgery should spend a few weeks each year in such a school. The opportunity for clinical instruction is unsurpassed, as the material will be obtained from the wards of the new Freedmen's Hospital and the outdoor clinics.

COURSE OF STUDY

There will be special courses in Surgery, Gynecology, Bacteriology, Pathology, Clinical Medicine, Physical Diagnosis, Ophthalmology, Otology, Laryngology, Rhinology, Mental and Nervous Diseases, Post-mortem Work, Physical Therapeutics—including Electro-Therapeutics, X-Ray Work, Finsen Light, etc.

The special course in Dentistry will consist of the latest approved methods in Operative and Prosthetic Dentistry, Extraction, Anæsthetics, general and local: Porcelain, Inlay Work, Gold Inlays, Crown and Bridge Work, Cavity Preparation, Contour Work, Color Blending, Matrix Formation and Cementation. Special attention will be given to the Anatomical Articulation and Artistic Arrangement of Artificial Teeth and a thorough course in Orthodontia.

FEES

The fees will be as follows: For the entire Medical Course, $100.00; for the entire Dental Course, $40.00; Surgery alone, $30.00; Gynecology alone, $30.00; for any other one subject, $15.00. These fees must be paid in advance. Breakage in laboratories at cost price.

For additional information apply to W. C. McNeill, M. D., Secretary, Fifth and W Streets, N. W.

TEXTBOOKS RECOMMENDED

May be obtained at the College at catalogue prices.

Anatomy.—Gray, Piersol, Morris, Eckley's or Cunningham's Prac-

tical Anatomy, Young's Hand-book, Black's Dental Anatomy, Davis' Applied Anatomy, Heisler's "Dissector."

Bacteriology.—Jordan, medical; Goadby, dental; Schneider, pharmaceutic. Reference Books: Park, Hiss & Zinsser, Herzog, McFarland, Muir & Ritchie, Sternberg.

Botany.—Bessey's Essentials, Gray's Manual.

Chemistry.—Sadtler and Coblentz, Perkins & Kippin Organic Chemistry, Simon's Manual of Chemistry, Scurlock's Laboratory Manual.

Clinical Microscopy.—Emerson, Simon, Wood.

Dental Anatomy.—Black, Broomell's Anatomy and Histology of Mouth and Teeth. Notes on Dental Anatomy, Technic, etc., Weeks.

Dental Pathology and Therapeutics.—Burchard, Gorgas' Dental Medicine

Dental Surgery.—Guilford's Orthodontia, Kirk's American Text-book, Garretson's Oral Surgery, Ivy's Anatomy and Oral Surgery.

Dentistry, Prosthetic.—Essig's American Text-book, Evan's Crown and Bridge Work, Richardson's Mechanical Dentistry, Hall's Chemistry and Metallurgy, Operative Dentistry, Black, Johnson, Kirk.

Dermatology.—Hyde, Shoemaker, Stellwagon, Jackson, Grindon and Gallaudet, Crocker, Norman, Walker, Pye-Smith, Schamberg.

Diagnosis.—Hare, Butler.

Dictionary, Medical.—Gould, Duane, Dunglison, Dorland, Stedman's.

Dietetics.—Pattee.

Electro-Therapeutics.—Kassabian, Tousey.

Embryology.—Heisler, McMurrich, Minot, Quain.

Genito-Urinary.—White and Martin, Lydston, Hayden.

Gynecology.—Gilliam, Montgomery, Ashton, Kelly, Clark's Gynecological Diagnosis, Crossen.

Histology.—Piersol, Sterling, Boehm, Davidoff and Ferguson.

Hygiene.—Harrington, Bergey, Rohè.

Medical Jurisprudence.—Bray, Taylor, Reese.

Materia Medica.—White and Wilcox.

Nervous and Mental Diseases.—Church and Peterson, Potts; *for reference,* Oppenheim. *Pyschiatry*—Mendel, Paton; *for reference,* Krafft-Ebing.

Obstetrics.—Edgar, Garrigues, Davis, Hirst, Jewett, Schaeffer's Hand Atlas, Saunder's Atlases, Webster, Williams.

Ophthalmology.—Fuchs, deSchweinitz, May, Nettleship, Jackson or Swanzy on the Eye.

Otology and Laryngology.—Kyle on Nose and Throat; Douglas or Grayson on Nose and Throat; Barnhill and Wales Modern Otology; Dench on the Ear; Packard on Nose and Throat; Gleason, Coakley.

Pathology.—Coplin, McFarland, Brooks.

Pediatrics.—Carr, Fisher, Holt, Koplik.

Pharmacy.—U. S. Dispensatory, 19th ed., U. S. Pharmacopoeia. Casparai's Pharmacy, National Formulary: Kirk's, Materia Medica and Pharmacology.

Works of Reference.—Army's Practical Pharmacy, Coblentz's Handbook of Pharmacy, Culbreth's Materia Medica and Pharmacy, National Dispensatory, Remington's Practical Pharmacy, Ruddiman's Incompatibilities, Steven's Arithmetic of Pharmacy, Scovill's Art of Compounding.

Physiology.—Tigerstedt, Flint, Raymond, Brubaker, Kirke, Ott's, Howell.

Practice of Medicine.—Osler, Anders, Tyson, *No compends.*

Surgery.—Park, Da Costa, Lexer-Bevan, Rose and Carless, Spencer and Gask, Brewer, McGuire's Principles of Surgery, Mumford.

Physical Diagnosis.—Cabot, Musser, Gerhart and O'Riley.

Therapeutics.—Hare, Wood, Butler, Shoemaker, Potter.

Toxicology.—Wormley's Microchemistry.

Urinalysis.—Saxe, Ogden.

Text-books, Medical and Dental, for the first year cost about $25.00; second year, $30.00; third year, $25.00; and fourth year, $30.00. The cost of text-books for the course in pharmacy is about $25.00.

Students must provide themselves with the necessary text-books, which must be the latest editions. Each professor will examine the students in his class and report anyone not having a text-book. Students without the necessary text-books will not be admitted to their classes until provided therewith. Reference books will be found in the Carnegie Library, situated on the Campus.

THE SCHOOL OF LAW

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President of the University

BENJAMIN F. LEIGHTON, LL. D., Dean
Lecturer on Elementary Law, on the Law of Contracts, and Constitutional and Statutory Law; also Judge of Appelate Court

ARTHUR A. BIRNEY, LL. B. (late U. S. District Attorney)
Lecturer on Pleading and Practice (at Law and Equity), Equity and Admiralty Jurisprudence; also Judge of Appellate Court

WILLIAM H. H. HART, A. M., LL. M.
Lecturer on Torts, Crimes and Misdemeanors, Corporations and Criminal Pleading and Practice

WILLIAM H. RICHARDS, LL. B.
Lecturer on Evidence, Personal Property and International Law; Judge of Appellate Court

GEORGE F. WILLIAMS, LL. M.
Lecturer on the Law of Real Property and Commercial Paper

MASON N. RICHARDSON, A. M., LL. B.
Lecturer on Partnership, Sales, Executors and Administrators, Insurance, and Instructor in Pleading and Practice and Judge of Moot Court

ROBERT H. TERRELL, A. M., LL. M. (Judge Municipal Court, D. C.)
Lecturer on Jurisdiction and Practice of Inferior Courts, Legal Ethics and on Domestic Relations; President of the Blackstone Club

JAMES F. BUNDY, A. M., LL. M.
Secretary and Treasurer

WILLIAM H. RICHARDS, LL. B.
Librarian

GEORGE F. COLLINS, LL. B.
Assistant Librarian

GENERAL STATEMENT

The School of Law occupies its own building, a handsome three-story structure, opposite the District Court House, at 420 Fifth Street, nw. A brief description of the building may be found on page 22.

ADVANTAGES

Washington offers exceptional opportunities to students of law. The fact that Congress assembles here; that here the Supreme Court of the United States and the Court of Claims, with its special jurisdiction, sit; that the various Executive Departments of the general government are located here, should present to the thoughtful, ambitious law student cogent reasons for spending his school life in Washington.

Besides these special advantages, found nowhere else, the Supreme Court of the District of Columbia is trying causes, civil and criminal, in accordance with the principles of common law practice and procedure, most of the year, and the Equity Court holds a term every month except August. To all these courts students have free access.

There is a superior working law library connected with the school, containing the principal text-books and the most important of the reports. The library is open to students during the school year, at suitable hours during the day and evening.

The Congressional Law Library of upward of 50,000 volumes is open to the public twelve hours each day, thus furnishing gratuitously to the student facilities for investigation and research unsurpassed.

ADMISSION

All applicants for admission as students in the School of Law must be graduates of some recognized college, high school or academy, and all except such graduates of some recognized college or university must pass a preliminary examination. Professor Richards conducts such examination, and for that purpose meets applicants on Mondays and Wednesdays during September.

Those desiring to become members of the school should enter their names upon the register of students in the hands of the Secretary, at or before the opening of the academic year, from which registry the roll of students is made up.

Respecting preliminary reading, some familiarity with Blackstone's or Kent's Commentaries and the Federal Constitution will be of great service. A good law dictionary is almost indispensable; Bouvier or Anderson is recommended.

COURSES OF STUDY AND DEGREES

The regular course for the degree of Bachelor of Laws covers a period of three years, and is divided into Junior, Middle, and Senior.

The text-books to be used, subject to change, of which due notice will be given, are as follows:

First Year: Robinson's *Elementary Law;* Blackstone's *Commentaries;* Tiedeman on *Real Property,* as far as the chapter on Trusts; Darlington's *Personal Property;* Lawson on *Contracts,* enlarged edition; Daniel and Douglas' *Elements of the Law of Negotiable Instruments;* Schouler on *Domestic Relations;* Hale on *Torts;* Clark on *Criminal Law.*

Middle Year: Andrew Stephen's *Pleading; Adams on Equity;* Shepard's *Selected Cases in Equity;* Clark's *Criminal Procedure;* Greenleaf's *Evidence,* Vol. I; Tiedman on *Real Property;* Wambaugh's *Study of Cases; American Cases on Contracts,* by Huffent and Woodruff.

Senior Year: Cooley's *Principles of Constitutional Law;* Boyd's *Constitutional Law Cases;* Clark on *Corporations;* Burdick on *Partnership;* Burdick on *Sales;* Elliott on *Insurance;* Greenleaf on *Evidence,* Vols. II and III; Schouler's *Executors and Administrators;* Wolsey on *International Law.*

The requirements for admission to the School of Law contemplate, as above stated, the completion of a four years' high school course. Students anticipating the study of law, as well as those already registered in the School of Law, but who may feel the need of still further strengthening their preliminary foundation may pursue without extra charge courses in English History, American History, Latin, French, Argumentation, and Political Science, in the regularly organized classes of the College of Arts and Sciences. Courses in Economics, Psychology, History, International Law, Commercial Law, Logic, Ethics and Sociology are open to students of the School of Law as far as they may find time and inclination to pursue them.

Special lectures are given on special subjects by eminent members of the legal profession from time to time as the funds of the department warrant.

It is absolutely necessary for the proper mastery of the course of study prescribed that each student should own a complete set of text-books named above; failure to do so will hinder proper advancement and the mastery of the subjects discussed, and has, in the past, frequently prevented students from obtaining degrees, either absolutely or within the time laid down in the curriculum.

Classes meet at 6.15 each week day during the scholastic year, excepting the usual holidays. This enables many young men who have employment during the day to take advantaage of the opportunity offered in the School of Law to equip themselves for larger usefulness. The course of study is so adjusted that the student may extend his studies over a series of years for the completion of the course, or may pursue partial courses and special subjects, receiving due credits for the same.

COURTS AND CLUBS

A Moot Court, under the supervision of Prof. Mason N. Richardson, sits weekly, and is made to resemble, as far as possible, an ordinary court of common law and equity jurisdiction. Cases are assigned to students on prepared statements of facts, pleadings are drawn and argument had upon the legal propositions involved, the same as in actual cases. Students thus obtain a better practical knowledge of pleading and practice than can be acquired in any way aside from the trial of actual causes.

The Blackstone Club meets weekly for the discussion of legal questions drawn from leading cases. The questions to be discussed are prepared by Dean Leighton.

This organization was formed mainly for the benefit of the Juniors, but members of the other classes generally participate in the discussions. Thus the student has, from his entrance upon his studies until he gets his degree, a constant drill in the discussion of legal questions and practice in forensic debate.

An Appellate Court has also been organized, which will sit to hear cases on appeal from the Moot Court or Blackstone Club at such times as may be designated by the court, and the audit of the Appeal Docket may require.

There are written examinations during the year in all the subjects embraced in the curriculum, in addition to which there are daily oral examinations of students on topics previously assigned or discussed.

The general deportment of students, their attention to study, the accuracy and fullness of their answers to the daily examinations are taken into account, in connection with the written examinations, in determining the worthiness of applicants for degrees.

Tuition $50, payable semi-annually in advance. Library fee, $1; athletic fee, $1, payable annually in advance. A matriculation fee of $5 is charged by the University, payable by those who have never enrolled in any department. Fee for diploma at graduation $5.

The School has no funds with which to aid indigent students. However, it is frequently the case that energetic, industrious students succeed in securing employment in the various boarding houses and hotels throughout the city, by which they succeed in working out their board and often net a little money besides. The cost of books for the first year is about $30; for the second, $20.

School year, October 1st to May 25th. For further information, apply to

JAMES F. BUNDY, *Secretary*

Law School Building, 420 Fifth Street nw., Washington, D. C.

THE ACADEMY

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D., President

GEORGE J. CUMMINGS, A. M.
Dean and Professor of Latin and Greek

CHARLES S. SYPHAX, A. B., LL. M.
Associate Professor of Mathematics

ANNIE R. BARKER, A. M., PD. B.
Instructor in English, Rhetoric and History

JOSEPH G. LOGAN, PH. B.
Instructor in Physics and Chemistry

EDWARD P. DAVIS, A. M.
Associate Professor of Greek and Latin

CLIFFORD C. ROBERTSON, A. B., PD. B.
Instructor in Mathematics

SARAH N. MERIWETHER, A. B.,
Instructor in English and History.

WILLIAM COBHAM, A. M.,
Instructor in Latin and French.

The following teachers give instruction in Academy classes as indicated:

GEORGE M. LIGHTFOOT, A. B.,
Instructor in Latin

RICHARD E. SCHUH, A. M., PH. D.,
Instructor in Biology

WALTER DYSON, A. M.,
Instructor in Ancient History

JAMES S. THOMAS, A. B.,
Instructor in German

GENERAL STATEMENT

The Academy stands for a solid secondary education. It offers three courses of four years each, and provides for thorough and systematic instruction in those studies required for admission to the best colleges, which its graduates may enter on certificate. It aims to attract students of purpose and ability, and withal, of high moral standard. It is, therefore, no place for those who are so lacking in self-control as to

MIDDLE YEAR

Classical	Hours	Scientific	Hours	Normal	Hours
Latin III	4	Latin III or German I	4	Latin III, German I, or French I	4
Greek I	4	Mathematics III	3	Mathematics III	3
English III	5	English III	4	English III	4
Physics	5	Physics	5	Physics	5
		U. S. Constitution	3	History III	3
	18		19		19

SENIOR YEAR

Classical	Hours	Scientific	Hours	Normal	Hours
Latin IV	4	Latin IV, or German I	4	Latin IV, German II or French II	4
Greek II	6	Mathematics IV or Psychology	3	English IV	4
English IV	4	English IV	4	History IV	3
Mathematics III or German I	4	Chemistry	5	Biology	5
		Botany	3	Psychology	3
	18		19		19

DESCRIPTION OF COURSES

LATIN

Latin I. The work of this course is devoted to mastery of forms, acquiring a vocabulary, study of principles of syntax, careful drill in inflection, reading simple exercise and translation at sight and from hearing. During the second semester Latin lessons are completed and easy Latin fables and stories from Roman History are taken up. The text used is Pearson's *Essentials of Latin, Revised.*

Latin II. This course is designed to give drill in inflection and enlargement of vocabulary, uses of the subjunctive, the gerund and infinitive, with careful attention to idioms. Translation at sight and from hearing is required, and prose composition is based on selections read. The text books used are Bennett's *Caesar's Gallic War,* Bennett's *Latin Grammar* and Bennett's *New Latin Composition.*

Latin III. This course embraces the four orations of Cicero against Catiline, *Manilian Law* and *Archias* and selected passages from Sallust's *Catiline* (20 pages). The class is referred to Forsyth's *Cicero* and to Trollope's *Cicero,* Allen and Greenough's *Latin Grammar*

Prose composition is based upon these orations.

In the second semester Ovid's *Metamorphoses* is taken up and Vergil's *Æneid* is begun, Book I. Latin Prosody is studied and applied in the metrical reading of Ovid and Vergil.

The text-books used are Allen and Greenough's *Cicero,* and Greenough and Kittredge's *Vergil* (Revised Edition); Allen and Greenough's *Latin Grammar.*

Latin IV reviews the first book of the Aeneid and at least the first six books are studied. Daily practice is given in applying the principles of prosody and in gaining facility in scanning. An effort is made not only to awaken an enthusiasm in the study of this great epic as a literary work, but also to study Vergil's mythology, fatalism, platonism, Roman customs, his debt to Homer, figures, noted passages, descriptions, metaphysical passages, character of Æneas and other topics suggested in the progress of the poem. Greenough and Kittredge's *Vergil* required.

GREEK

Greek I furnishes daily drill in oral and written exercises.

Careful attention is given to mastery of forms and study of syntax.

The text-books are White's *First Greek Book* and Goodwin's *Greek Grammar,* latest edition.

The Anabasis is begun in the second semester; Mather and Hewitt's *Anabasis* is the text; Goodwin's *Anabasis* preferred.

Greek II. This course completes the four books, usually read, with Greek composition and covers three books of Sterritt's *Iliad.* Much attention is given to prosody and scanning. Grammar is reviewed.

MATHEMATICS.

Mathematics I. The course comprises the study of Elementary Algebra through quadratics. Five hours a week for one year are given to it. It aims not only to acquire readiness and accuracy in abstract manipulations, but also to train in the solution of concrete problems by means of the equation. Drill necessary to secure these results is abundantly given.

The text-book is Wentworth's *Elementary Algebra.*

Mathematics II. This course covers the five books of Plane Geometry. Four hours a week, for one year. At first the work is receptive and so continues until the student acquires the art of rigorous demonstration; after which he is required to do much original and independent work. By means of numerous graded exercises he is

stimulated to invent demonstrations for himself. Concrete exercises are also given.

The text-book is Wentworth's *Plane Geometry,* Revised.

Mathematics III. (*a*) This course embracing the three books of Solid and Spherical Geometry is completed in the first semester. Clear conception, concise statement, careful construction and logical demonstration are uniformly insisted on. Independent work in numerical computations is required. Three hours a week during first semester.

Mathematics III. (*b*) This work includes a review of the fundamental topics treated in Mathematics I, and in addition, embraces a careful study of equations in quadratic form, simultaneous quadratics, ratio and proportion and the progressions. Some familiarity with logarithmic tables is given. Three hours a week, during second semester.

Mathematics IV. Plane and Spherical Trigonometry. The course in Plane Trigonometry includes the fundamental definitions, the development of general formulas and their application to problems; the solution of the right and the oblique triangle and numerous trigonometric equations. Three hours a week, during the first semester.

Full credit for the course is given in the School of Liberal Arts.

Spherical Trigonometry, when elected, is taken with Freshmen in the School of Liberal Arts. Three hours a week, during the second semester.

ENGLISH

This course is designed to teach the pupil accuracy in the use of words and phrases; facility, clearness, and force in expression; knowledge of paragraph structure and entire composition.

English I. In the first semester there is a review of English syntax and punctuation. The class reads and studies such specimens of literature as the following: *Ancient Mariner, Lady of the Lake, Vision of Sir Launfal, Ivanhoe, Tale of Two Cities, Courtship of Miles Standish,* and *The Pilgrim's Progress.* Reading aloud, interpretation, and spelling are constantly practiced. Lockwood and Emerson's *Composition and Rhetoric* is the text-book for both Junior and Sub-Middle years.

English II. There is practice in different kinds of composition to develop thought and style. Readings from such as the following: *House of Seven Gables, Silas Marner,* Irving's *Sketch Book, Deserted Village, Henry Esmond,* and *Sir Roger DeCoverly Papers.* Discussions of characters presented and characteristics of the differ-

ent writers. Memorizing passages, and etymology of words are required.

English III. The class will read and study other college requirements as Shakespeare's *Julius Caesar,* and *Merchant of Venice;* Tennyson's *Gareth and Lynette, Launcelot and Elaine,* and the *Passing of Arthur,* with careful comments and criticism. Practice in essay writing.

English IV. Shakespeare's *Macbeth,* Milton's *Comus, L'Allegro* and *Il Penseroso.* Burke's *Speech on Conciliation,* or Washington's *Farewell Address,* and Webster's *First Bunker Hill Oration,* Macaulay's *Life of Johnson,* or Carlyle's *Essay on Burns*

The selections read during the four years form progressive courses and are listed in college entrance requirements.

HISTORY.

History I. Ancient History. This course deals with Greece and Rome principally, but includes some account of the Oriental Nations and of the Middle Ages to the Ninth century.

History II. English History. Emphasis in this course is laid on the geography of the British Isle, the early mingling of races, the rise of Parliament and the House of Commons, the main movements in the history of Continental Europe and the relation of England to her colonies, especially American.

History III. United States History. "The Greater United States," "Our Westward Expansion," and the "Pacific Ocean as the modern Mediterranean Sea," are emphasized.

History IV. The Constitution of the United States and Economics. This course consists of a historical study of our Constitution for the first semester and a practical treatment of the elements of Economics during the second.

GERMAN

German I. The work of this course consists of a study of pronunciation and the elementary principles of grammar. A constant effort is made to acquire a use of the language by reading, speaking and frequent repetition of easy sentences. (Open to classical Seniors and Middlers in scientific or normal course.) Spanhoofd's *Lehrbuch der deutchen Sprache* is used as a text.

German II. This course is a continuation of practice in speaking and writing the language, and of drill in grammar and the use of idioms. (Open to Seniors who have completed Course I). The

following text-books are used, Volkmann's *Kleine Geschichte;* Heyse's *L'Arrabbiata* and Bacon's *Im Vaterland.*

FRENCH

French I. The work of the course consists, primarily, of a thorough study of the rudiments of French grammar. Particular emphasis is laid on pronunciation and there is frequent practice in simple conversation and reading aloud. About 200 pages of graduated French texts are read. The text-books used are: Foster and Aldrich's *Foundations of French;* Symm's *Easy French Reader.* (Open to Middlers in normal course.)

French II. This course is devoted largely to the translation of French prose and poetry. There is constant drill on the idiom and at least a third of the time is spent on systematic prose composition and dictation. About 300 pages of French texts are read. The text-books are: Halevy's *L'Abbe-Constantin;* Dumas' *La Tulipe Noire;* About's *Le Roi des Montagnes.* (Open to Seniors in normal course.)

PHYSICS AND CHEMISTRY

The aim of these courses is to give a simple presentation of some of the phenomena of the physical world, and to develop the power of accurate observation and correct judgment. These courses are designed to meet the entrance requirements of colleges and technical schools.

PHYSICS

The course is required of all Middlers. Much attention is given to laboratory work. A fee of $1.00 is charged for the use of apparatus. The text-book used is Mann and Twiss' *Physics,* Revised.

CHEMISTRY

This course is required of Seniors in the scientific group. Great stress is laid upon laboratory work. A fee of $2.00 is charged for the use of chemicals and apparatus. The text-books in use are: Brownlee and others: *First Principles of Chemistry and Laboratory Manual* by the same authors.

BIOLOGY

The course in Botany extending through one year, comprises the study of plant life. It is intended to train the student in the use of the

microscope and to prove helpful to those intending to teach, or to study Medicine or Pharmacy. It is identical with Biology I, School of Liberal Arts. Text: Bergen and Davis *Principles of Botany.*

PHYSIOGRAPHY

The Sub-Middlers take this subject three times a week. It begins with the study of the earth as man's abode and deals in an elementary way with the various forces of earth, air and water, that play so large a part in the existence and civilization of man.

HYGIENE

First Semester: Personal Hygiene. Emphasis is placed upon the value of health and upon the need for forming sensible hygienic habits. The topics considered are: Exercise, correct posture, pure air, bathing, rest, wholesome food.

Second Semester: Community Hygiene. This work tries to enlist each student in the campaign for better community health, making him realize his opportunity for service. The topics considered are: Building conditions, drainage, clean streets, water and milk supplies, pure food laws, contagious diseases, the war upon tuberculosis.

ELOCUTION AND PUBLIC SPEAKING

This course includes physical exercises to get rid of faults and to secure right bodily action, correct breathing and control of breath; voice culture; correct articulation, enunciation and pronunciation; the fundamental principles of thought analysis and interpretation in reading and speaking, and gesture. Throughout the student is required to apply the principles in reading and reciting a great variety of brief selections. The course is helpful to health, vigor and personal bearing, and in securing ease, grace and effectiveness in conversation or public speaking, and the power to appreciate and interpret the best literature.

MANUAL TRAINING

All students in Junior and Sub-Middle years of the Academy are required by the Trustees to give four hours each week to Manual Arts, not, however, for the purpose of learning a trade, but for a general education.

The day for Sub-Middle year is Thursday from 10 to 12 A. M. and 1 to 3 P. M.

The Juniors have the same hours in three sections, A, B and C, on Monday, Wednesday and Friday, respectively.

Junior Year

	Points
Freehand Drawing	1
Woodwork (Manual Arts I)	1
Printing (Manual Arts II)	1
Basketry and simple garment making (Domestic Arts VIII)	1
Domestic Science (Domestic Science IX)	1

Sub-Middle Year

Wood turning (Manual Arts II) (Prerequisite Manual Arts I)	1
Mechanical Drawing (Prerequisite Freehand Drawing)	1
Forging (Manual Arts IV)	1
Millinery (Domestic Arts V)	1
Domestic Science (Domestic Science X)	1

Letters of inquiry will be promptly answered by the Dean of the Academy.

THE COMMERCIAL COLLEGE

FACULTY

STEPHEN M. NEWMAN, A. M., D. D., President.
GEORGE WILLIAM COOK, A. M., LL. M.
Dean and Professor of Civics and Commercial Law
CORA E. DORSEY
Instructor in Shorthand
WALTER DYSON, A. M.
Instructor in History and Economics
PHEBE A. I. HOWELL, A. B.
Instructor in Bookkeeping and Commercial Geography
GEORGE W. HINES, A. B.
Instructor in Typewriting and Commercial Correspondence
WILLIAM H. PLEASANTS, A. B.
Instructor in English
ANNA MINER CECIL,
Assistant Instructor in Bookkeeping

GENERAL STATEMENT

In almost every section of the United States interest in commercial and business opportunities is constantly growing. To meet this situation the Commercial College has been established. The curriculum, which covers four years and leads to a diploma, affords careful preparation for a business career and so trains young men and women that they may readily adapt themselves to whatever business occupation opens to them.

It is expected of our graduates not only that they will prove capable of serving individual enterprises, but also that they will become factors in arousing entire communities to their obligations and privileges in the world of business. The course is thoroughly practical and gives that attention to detail which fits one for the management of property, for expert accountancy and stenography, and for the conduct of busi-

ness enterprises. It is recommended for those who desire to enter civil service examinations. Graduates have had gratifying success. Reference to the curriculum will show that an excellent course in English is a part of the Commercial Course, and will be of great advantage to any who desire a liberal education. Attention is called to the opportunities afforded to students of other departments to elect studies in the Commercial Course.

ADVANTAGES

Howard University is well situated for gaining advantages of study in commercial lines. Through the courtesy of government officials access may be had to original information in the many departments and bureaus of the government. Public documents and libraries in special lines of work may be consulted without cost to the student.

REQUIREMENTS FOR ADMISSION

All applicants for admission to the First Year Class of the Commercial College must have completed the grammar grades or must pass an examination in arithmetic, English grammar, United States history and geography. Examination for advanced standing will be given upon request.

TYPEWRITING

Our aim is to give a practical course in typewriting; a scientific method of mastering the keyboard by the sense of touch; the mechanism of standard machines; business forms, legal forms, manifolding, the cutting of stencils and tabulating.

Emphasis is placed upon training the student to take dictation on the typewriter.

STENOGRAPHY

Stenography is studied during the second, third and fourth years of the Commercial course.

The system taught is the "Pitman," used by many of the best known Congressional reporters.

Shorthand I. The principles of shorthand are studied and mastered, one-half during the first semester and the remaining half during the second. Text-book: Barnes' *Shorthand Manual.*

Shorthand II. The first semester is devoted to advanced study as given in the Reporter's Companion. Text-book review. The second semester is devoted to phrasing, dictation, and training for practical work.

Shorthand III. Special attention is given to speed writing. A student is required before graduation to attain a speed of at least one hundred words per minute.

Pupils having completed two years of Shorthand, may be allowed to substitute for the last year some other study of equivalent grade.

(Students having advanced standing in other subjects, may by diligent application, cover the requirements in two years.)

BOOKKEEPING.

The study of bookkeeping is begun in the second year of the Commercial Course in order that pupils may have had sufficient training in English, commercial arithmetic and typewriting to enable them to make direct progress without being handicapped by lack of preparation in these essential subjects. The Moore and Miner text-book is in use at present.

In the first semester the general principles of Double Entry are taught, four sets being given illustrating retail work in different lines of business. Considerable business practice is introduced, including the making out and use of business papers such as receipts, checks, notes, invoices, orders and business letters. Part II is then taken up, with a special study of drafts, acceptances, shipments, etc., and a more extended business practice, in which the pupils serve in turn in the offices and the use of the filing cabinet and adding machine is learned. Sets are given illustrating a Jobbing Furniture Business, a Wholesale Grocery Business, and a General Dry-goods Business.

In the last year of the course a Set in Single Entry is given, a Set in Corporation work and a Banking Set. Sets in Commission, Manufacturing, and Higher Accounting may be elected by those who wish to do more bookkeeping.

Students who enter with advanced standing may be given an opportunity to complete all of the required bookkeeping work in two years instead of three if the number of such applicants warrants the formation of such a class.

Students having satisfactorily completed two years of bookkeeping may be allowed to substitute some other study of equivalent grade for the last year of bookkeeping.

MATHEMATICS

Commercial arithmetic is taken during the entire first and second years. An excellent modern text-book, Moore's *Commercial Arith-*

metic, published in 1907, is used. The usual operations of arithmetic are studied, including aliquot parts or quantity, price and cost, bills and accounts, measures and practical measurements, percentage, commercial discounts, marking of goods, profit and loss, commission and custom house business, interest, taxes, storage, present worth, true discount, insurance, bank discount, savings bank accounts, partnership, exchange, building and loan associations, stocks and bonds, etc., with short computations and the application of modern business methods in each.

An earnest effort is made to enable the student to acquire a working knowledge of the principles and methods of handling numbers in the transactions of business affairs such as the bookkeeper or the business man or woman must necessarily encounter. Algebra is taken four times a week during the entire first year, and includes all elementary work through quadratics. Geometry may be taken during the second semester of the third year.

ENGLISH.

The purpose of the work in English of the Commercial College, is to train pupils to speak and write correctly, to cultivate a taste for literature, and to discuss intelligently business subjects and industrial questions.

First Year: Lockwood and Emerson's Composition and Rhetoric, Part I. Review of Grammar. Elementary study of Rhetoric, comprising paragraphing and sentence structure. Special attention is paid to spelling. Such books as "Ivanhoe," "The Lady of the Lake," "Vision of Sir Launfal" and the "Ancient Mariner" are read and studied.

Second Year: Herrick and Damon's Composition and Rhetoric, parts II, III, IV. Review and advanced study of paragraphing; careful study of principles of composition and diction; spelling, especially business terms; and the studying of such books as "Silas Marner," "Sketch Book," "Tales of a Traveler," and "Julius Caesar."

Third Year: Business English and Commercial Correspondence. Special emphasis is laid on purely business and advertising English. The aim is to form in the student correct habits, and to develop practical powers in composition by constant writing about real situations.

Fourth Year: Thorndyke's Composition and Rhetoric. Review and application of the principles of composition by writing on industrial questions. A general idea of English Literature is also given. In an ele-

mentary way, the important phases of business organization and business problems are studied.

HISTORY.

In each course emphasis is laid upon the social, industrial and commercial life of the people.

History I. The Ancient World. This course deals with Greece and Rome principally, but includes some account of the Oriental Nations and of the middle ages to the ninth century.

History II. English History. Emphasis in this course is laid upon the geography of the British Isles, the early mingling of races, the rise of Parliament and the House of Commons, the main movements in the history of Continental Europe, the relation of England to her colonies, and her commercial supremacy.

History III. American History. The History of the United States, especially since the Civil War, her industrial development and commercial relations with other countries being emphasized.

History IV. History of Commerce. The aim of this course is to review, collect and organize the work of the preceding courses from the commercial point of view by tracing the development of Commerce from the earliest times.

COMMERCIAL LAW

This course is designed to give a student the practical knowledge in business affairs, enabling him legally to protect his own property rights, and to respect those of others.

The work is pursued in an elementary manner under the following heads: General principles of law, contracts, negotiable paper, agency, partnership, corporations, bailments, sales, copyright, insurance, real estate transfers.

ELEMENTS OF POLITICAL ECONOMY

Wealth, its production, distribution, exchange and consumption are fully discussed. The aim is to acquaint the student with the great economic world in which he must live, and, at the same time, to prepare him for higher courses in applied economics. Frequent visits to large industrial plants of the city are made. Social service is also emphasized.

FUNDS AND THEIR USES.

The aim of this course is to consider the getting and spending of funds for private enterprise; the various forms of money and credit used as funds, and the means of transfer of credit funds; modern methods of obtaining funds; institutions and agents employed in funding operations.

COURSE OF STUDY

First Year

First Semester		Second Semester	
English (Gram., Spell., Comp.)	5	English (Gram., Spell., Comp.)	5
Math., Com. Arithmetic	5	Math., Com. Arithmetic	5
Penmanship	3	Typewriting	5
Typewriting	5	Algebra	4
Algebra	4		
	22		19

Second Year

First Semester		Second Semester	
English (Rhet. & Spelling)	4	English (Rhet. & Spelling)	4
General History	3	General History	3
Bookkeeping	6	Bookkeeping	6
Shorthand	4	Shorthand	4
Typewriting	3	Typewriting	3
	20		20

Third Year

First Semester		Second Semester	
Business English	4	English (Com. Correspondence)	4
English History	4	Geometry	4
Bookkeeping	4	Bookkeeping	4
Commercial Geography	4	U. S. History and Civic	4
Shorthand	4	Shorthand	4
	20		20

FOURTH YEAR

First Semester		Second Semester	
English (Business themes, etc.)	4	English (Business Organization)	4
Economics	4	Elements of Banking & Finance	3
Bookkeeping & Office Practice.	3	Shorthand	4
Shorthand	4	Commercial History	4
Commercial Law	4	Funds and their Uses	3
	19		18

This course may be varied with the consent of the Faculty.

PRIZES

In order to stimulate efficiency and higher scholarship, the following prizes are offered for students in the Commercial College: For the student in the Senior class making the highest general average in Shorthand, the Carrie R. Burton prize of $5.00; for the student in the Fourth class making the highest general average in Typewriting, the Helen E. Kilbreth Phillips prize of $5.00; for the best Practical Bookkeeper in the Fourth class, the C. Benjamin Curley prize of $5.00.

DEGREES AND DIPLOMAS

Commencement Day, June 5, 1912, Degrees and Diplomas were conferred as follows:

COLLEGE OF ARTS AND SCIENCES.

BACHELOR OF ARTS, (A. B.).

Allen, James C.
Alexander, Waldo E.
Brooks, Howard A.
Clayborne, Moses.
Cooke Christopher C.
Davis, David A.
Davis, S. Agnes.
Forbes, Dennis A.
Gilbert, William.
Green, Geraldine P.
Hays Clarence A.
Higgs, Marion T.
Howard, Juanita P.
Hunt, John Russell.
Locke, Benjamin H.
Logan, Warren H.
Martin, Joseph H.
Neely, Thomas B.
Peace, William C. E.
Pleasants, William H.
Quander, Nellie M.
Richardson, Beatrice.
Russell, Louis H.
Sedgwick, Charles S.
Shippen, Eliza P.
Smith, Minnie B.
Swann, Florence L.
Terry, E. Clayton.
Washington, Charles B.
Westmoreland, Edgar P.
Wilson, Clarence G.

THE TEACHERS COLLEGE.

DEGREE OF MASTER OF ARTS, (A. M.).

Connor, Miles W., (A. B.) Portsmouth, Va.
Hamilton, Jean, (B. S.) Pittsburgh, Pa.
Mundy, William J., (A. B.) Pittsburgh, Pa.

DEGREES OF BACHELOR OF ARTS, (A. B.), AND BACHELOR'S DIPLOMA IN TEACHING.

Anderson, Frederick K. D. Baltimore, Md.
Cook, Edna H. Chicago, Ill.
Henry, Percy H. Philadelphia, Pa.
Johnson, Vivian Memphis, Tenn.
Mitchell, Luther C. Baltimore, Md.
Mowbray, George Washington, D. C.
Mowbray, Paul F. Washington, D. C.
Peace, Ernest E. Washington, D. C.
Robinson, Anna I. Baltimore, Md.
Taylor, Lillian J. Princess Anne, Md.

DIPLOMA—TWO-YEAR COURSES.

French, Irva Lelia Kansas City, Kansas.
Jackson, Ida Mollie Canton, Ohio.
Quillain, Jimanna Jewel Pueblo, Colorado.
Winston, Lillian Orrie Washington, D. C.

KINDERGARTEN TRAINING CLASS.

Adams, Agnes Amelia Washington, D. C.

DOMESTIC SCIENCE AND DOMESTIC ART.

Beverly, Alberta Letitia Anacostia, D. C.
Davis, Eva Sarah Hartford, Conn.
Forrest, Marie Isabel Charleston, S. C.
Furniss, Blanche Henrietta Princess Anne, Md.
Jackson, Mabel Madison Washington, D. C.
Lawrence, Josephine Bristow Anchorage, Ky.
Taylor, Emily Amherst, Mass.
Washington, Emma Jean Washington, D. C.

THE CONSERVATORY OF MUSIC.

DIPLOMA

Green, Geraldine Payola.

THE SCHOOL OF THEOLOGY.

BACHELOR OF DIVINITY, (B. D.).

DeMond, Abraham L.
Hayling, Mapson F.
McCallum, Lemuel St. G. A.
Oldham, George W. F.

DIPLOMA

Barrett, Samuel A.
Brooks, Warren R.
Chiles, Edward T.
Jackson, Walter S.
Jones, Charles E.
Jones, Marion S.
Jenkins, Green H.
Lewis, Erasmus T.
Tucker, James H.

EVENING INSTITUTE

Broadus, Eugene Thomas.
Carter, William A.
Hart, Robert A.
Hunter, Raymond G.
Mingo, William, Jr.
Pree, Frances E.
Randall, Armstead.
Russell, Eugene R.
Tabb, Charles J.
Willis, Alice A.

MEDICAL COLLEGE.

DOCTOR OF MEDICINE, (M. D.)—36.

Allen, Herbert Augustus Richmond, Va.
Bassette, Burl Hampton, Va.
Blue, James T Georgetown, Demarara, B. G.

Burwell, Hartford R., A. B., Shaw University.....Raleigh, N. C.
Butler, Leonard C., A. B., Lincoln University.....Baltimore, Md.
Carr, Arthur D.....Athens, O.
Curtis, Arthur Leo.....Washington, D. C.
Daniel, Samuel Blake.....Newberry, S. C.
Deane, Robert Armistead.....Richmond, Va.
Downing, Lylburn C., A. B., Biddle University.....Roanoke, Va.
Fletcher, Thomas Augustus.....Grenada, B. W. I.
Gloster, Harold Stuart.....Wilkes-Barre, Pa.
Hall, Denham D.....Bridgetown, Barbados, B. W. I.
Hamlett, Joseph.....Barbados, B. W. I.
Hayden, Curtis T.....Floyd, Va.
James, Herman H.....Jamaica, B. W. I.
Johnson, Walker Allen.....Anacostia, D. C.
Jones, Thomas E.....Washington, D. C.
Josey, Thomas W.....Augusta, Ga.
Key, George Bernard.....Washington, D. C.
McSween, Edgarde J.....Grenada, B. W. I.
Montgomery, William F., A. B., Atlanta University..Milledgeville, Ga.
Overton, George Norman.....Barbados, B. W. I.
Pearl, Frank Adrian.....Butte, Mont.
Rose, Bert Andrew Mechanicsburg, Ohio.
Stanfield, Augustus.....Montclair, N. J.
Stuart, Julian G. Greenwood, S. C.
Thomas, Joseph Henry.....Buffalo, N. Y.
Thompson, Frank French, Ph. B., Syracuse University, Scottsville, N. Y.
Tyler, Wendell H.....St. Louis. Mo.
Velasco, Edward E.....New York City.
Vickers, Thomas R.....Key West, Fla.
Williams, John J.....Jamaica, B. W. I.
Williams, Reginald O. Jamaica, B. W. I.
Wilson, Rosko J.....Florence, S. C.
Woodfin, Manfred P. Ironton, Ohio.

DENTAL COLLEGE.

DOCTOR OF DENTAL SURGERY, (D. D. S.)—27.

Archambeau, John Nicholas.....Kingston, Jamaica.
Ballou, Edgar Sampson Jacksonville, Fla.
Calloway, Samuel Dismond.....Richmond, Va
Cardwell, John Harrison, A. B., Biddle University....Charlotte, N. C.
Coppage, Samuel Francis.....Norfolk, Va.
DeHaven, Burrell Beard.....Kirk, Ky.
Dickinson, Henry David Cambridge, Mass.
Ferebee, Alexander Richard Webb.....Philadelphia, Pa.
Graves, Antoine Jr.....Atlanta, Ga.
Johnson, Albert Creighton.....Chicago, Ill.
Jones, William Adolphus Antigua, B. W. I.
King, Dudley Garnett.....Barbados, B. W. I.

Kirton, Leonard St. Clair.....Barbados, B. W. I.
McGill, Thomas William, Jr. Summerville, S. C.
McIntosh, Alexander H.....New York, N. Y.
Moses, Jesse Daniel.. San Antonio, Texas.
Richey, James Dudley, A. B., Biddle University.....Greenville, S. C.
Sarjeant, Leonard Frede.....Trinidad, B. W. I.
Sealy, Fitz Albert Trinidad, B. W. I.
Swayne, Russell Metcaffe.....Springfield, Ohio.
Taborn, Edward Hall.....Havana, Cuba.
Tribbitt, Robert Milton.....Denton, Md.
Warren, Jesse Eugene, A. B., Fisk University.....Tyler, Texas.
Weeks, Charles Hubert.....Trinidad, B. W. I.
Whitfield, Walter Warren, Jr.....Macon, Ga.
Whitted, William Hill, A. B., Shaw University. Winston-Salem, N. C.
Wilson, Joseph Daniel.....Jamaica, B. W. I.
Wright, Wilbert Harry.....Sioux Falls, S. D.

PHARMACEUTIC COLLEGE.

DOCTOR OF PHARMACY, (Phar. D.)—11.

Adams, Thomas John.....Jacksonville, Fla.
Benjamin, Alice Pinyon.....Washington, D. C.
Benjamin, George Henry.....Washington, D. C.
Douglass, James Walter, Jr. Washington, D. C.
Jones, Lillian Ernestine Memphis, Tenn.
Kerr, Thomas Henderson.....Baltimore, Md.
Neely, Cicero.....Winston-Salem, N. C.
Rice, Charles F. W.....Gastonia, N. C.
Rohoblt, Walter Scott.....Baltimore, Md.
Ross, Harry Cornelius Washington, D. C.
Street, Kenneth Anthony.....St. Louis, Mo.

THE SCHOOL OF LAW.

BACHELOR OF LAWS, (LL. B.).

Anderson, Horace G.
Andrews, Albert A.
Clanton, Solomon T., Jr.
Denny, William F.
Evans, Richard D.
Fisher, Edward H.
Gillem, Richard A.
Granady, Octavius C.
Holley, Robert H.
Jamason, Benjamin H., B. S.
Johnson, Lewis E.
Keets, Samuel H.
Lucas, Clarence E.
Lecount, Joseph G.
Logan, Robert H., A. B.
Love, Julius H., A. B.
McKinney, Fred, A. B.
Manning, James S.
Owens, Robert N., A. B.
Reid, Edgar A.
Riley, Cecil H.
Rowlette, Cecil L.
Robinson, William H.
Randle, John H.
Simpson, Bryant.
Turner, Arthur.
Trotter, Stance J.
Utz, David W.

THE ACADEMY.

Diploma

Adams, Adolph C. Lynchburg, Va.
Adams, M. Pearle Montgomery, Ala.
Andrade, Eliseo B. San Juan, P. R.
Bagley, Lloyd S. Washington, D. C.
Ball, Otist T. Burgess Store, Va.
Blake, David A. Willow Springs, N. C.
Boyd, Henry A. Selma, Ala.
Brooks, Joseph H. Staunton, Va.
Christian, Albert L. Yorktown, Va.
Connolly, Quesnal A. Grand Cayman, B. W. I.
Davis, Charles A. Elizabeth, N. J.
Epps, Joseph E. Norwich, Conn.
Fitts, Bertha M. West Raleigh, N. C.
Frey, Thomas M. Cincinnati, Ohio.
Gatewood, Lottie Bowling Green, Ky.
Gibson, George E. Bealton, Ga.
Granady, James T. W. New York City, N. Y.
Hall, George E. Greenville, Ky.
Howell, Ada L. Philadelphia, Pa.
Kendrick, Matthew Flora, Ala.
LaFayette, Albert S. Savannah, Ga.
Larkin, Bertha H. Denver, Col.
Morse, Leonard F. New Bedford, Mass.
Powe, Walter Darlington, S. C.
Smoot, John M. Cheraw, S. C.
Southall, Ruth M. Buxton, Iowa.
Stratton, Harold C. Doylestown, Pa.
Tunnell, Mabel P. Washington, D. C.
Valentine, Odie Frank St. Louis, Mo.
Walker, John B. Avalon, Va.
Ward, Elmer A. Charlottesville, Va.
Waters, J. Lambert Oxford, Md.
Welch, John A. West Point, Tenn.
West, Rosalind M. Charlottesville, Va.

THE COMMERCIAL COLLEGE.

Diploma

Douglass, Ethyl K. Washington, D. C.
Johnson, Henson Baltimore, Md.
Lutterloh, Blanche G. Wilmington, N. C.
Martin, Alice G. Manassas, Va.

HONORARY DEGREES.

DOCTOR OF DIVINITY

Rev. Scott Wood.
Rev. George Frazier Miller.

DOCTOR OF LAWS

Rev. Carl G. Doney.

STUDENTS

STUDENTS OF THE COLLEGE OF ARTS AND SCIENCES.

SPECIAL STUDENTS WITH DEGREES.

Cooke, C. C. (A. B.), Howard University Richmond, Va.
Lee, E. H. (B.S.), Columbia University Tuskegee, Ala.
McDonald, J. V. (B. S.), Valparaiso Univ., ...Margaree, N. S.
Nelson, Thomas W. (A. B.), Howard University.....Richmond, Va.
Norris, M. E. (A.B.), Lincoln University Kilmarnock, Va.
Stewart. R. R. (A.B.), Lincoln University, ...Washington, D. C.
Shippen, Eliza P. (A.B.) Howard University, ...Washington, D. C.
Terry, E. Clayton (A.B.), Howard University Reading, Pa.
Quander, Nellie M. (A.B.), Howard University, Washington, D. C.

SENIORS.

Agosto, Manuel San Juan, Porto Rico.
Brown, Mary E Washington, D. C.
Butler, Felix Miami. Fla.
Carr, Ethel A Parkersburg, W. Va.
Catalan, John O Maurice, La.
Chisom, Zephyr J El Paso, Texas.
Coleman, Frank Washington, D. C.
Connolly, William S. Grand Cayman, B. W. I.
Cooper, Oscar J Washington, D. C.
Cork, Leon H. Wilmington, Del.
Dozier, Cyrus Forest City, Ark.
Evans, Edward Fayetteville, N. C.
Fowler, George V Key West, Fla.
Harris, Charles Y Washington, D. C.
Johns, Paul Dudley, N. C.
Johnson, James R Owensboro, Ky.
Jones, Benjamin H Indianapolis, Ind.
Jones, Olive C Washington, D. C.
Lenox, Porter B Detroit, Texas.
Letcher, Florence Washington, D. C.
Lewis, Clarence O Washington, D. C.
Lofton, Euphemia R.....Washington, D. C.
Love, Edgar A Baltimore, Md.
Luck, Jerry, Jr Danville, Va.
Lunsford, Charles T.....Mason, Ga.
McCarthy, Osceola M Albany, Ga.

McLendon, James D., Jr Jacksonville, Fla.
Nixon, Henry T Birmingham, Ala.
Nutt, John W Baltimore, Md.
Reddy, Mamie A Mt. Vernon, Ill.
Rose, James E Centralia, Va.
Tucker, W. P. Savannah, Ga.
Wimberley, Frank H Tarboro, N. C.
Winthrop, William New York, N. Y.
Young, James E Memphis, Tenn.
Young, Marguerite Chicago, Ill.

JUNIORS

Allen, Samuel A. Mt. Holly, N. J.
Alston, Toussaint L Metropolis, Ill.
Armstead, Abram D Lovelady, Texas.
Bellinger, Louis A. S Charleston, S. C.
Bohannon, Otto Anacostia, D. C.
Brannon, Griffith C Louisville, Ky.
Brown, Artie L Washington, D. C.
Brown, Charles I Pittsburg, Pa.
Brown, Lucius H Louisville, Ky.
Cabell, Newell Atwood Madisonville, Ky.
Cargile, Winnie Macon, Ga.
Catlett, Annie H Washington, D. C.
Coleman, Grace Washington, D. C.
Cook, Frank R Washington, D. C.
Daniels, George W Stroud, Okla.
Davis, Thomas R Ft. Smith, Ark.
Denny, Landonia L. T Washington, D. C.
Desmukes, Ceretta C Gonzales, Texas.
Doggett, Robert G Calvert, Tex.
Dykes, Eva B. Washington, D. C.
Falu, Narcisso San Juan, Porto Rico.
Ford, James B Coatesville, Pa.
Foreman, William P St. Louis, Mo.
Hall, Henry M Greensville, Ky.
Hardy, Beatrice V. Springfield, Mo.
Harllee, Chauncey M. D Dallas, Texas.
Harper, William H Fort Madison, Iowa.
Harris, Mortimer M Montgomery, Ala.
Heard, Harriet G Athens, Ga.
Helm, Arrington S Anacostia, D. C.
Holly, Charles H Baltimore, Md.
Howard, Louis A Steelton, Pa.
Huskerson, William Kingston, St. Vincent, B. W. I.
Jackson, William H Charleston, S. C.
Jefferson, Daisy Kellyton, Ala.
Johns, Lois Dudley, N. C.

Johnson, Charles L Washington, D. C.
McDonald, Thaddeus Kingston, Jamaica.
Minor, James I Washington, D. C.
Moore, Hermon E. Jackson, Miss.
Newman, Lloyd H. Washington D. C.
Penn, Madree Omaha, Neb.
Richardson, Clarence W Gainesville, Fla.
Ricks, Walter E Portsmouth, Va.
Rivers, Mark E Washington, D. C.
Savoy, Walter S Washington, D. C.
Shaw, Charles A., Jr Brunswick, Ga.
Stevens, Herbert L Washington, D. C.
Townes, Geneva Washington, D. C.
Turley, Lulu V Washington, D. C.
Turner, Lorenzo D Rockville, Md.
White, William H Baltimore, Md.
Wilson, J. Franklin Talladega, Ala.
Winthrop, Charles R Charleston, S. C.
Wise, Henry T Mart, Texas.

SOPHOMORES.

Allen, James U. Darley, Pa.
Andrews, Robert M Sumter, S. C.
Bailey, I. G Arkansas City, Ark.
Cobbs, Price P Barboursville, Va.
Crawford, Frederick D. Charleston, S. C.
Crawford, Robert P Jacksonville, Fla.
Davis, Pierre H New Haven, Conn.
Dingle, J. Gordon Savannah, Ga.
Donald, Henderson H. Convent, Texas.
Fitzpatrick, Frank N Philadelphia, Pa.
Ford, James C Coatesville, Pa.
Hackett, Robt. G. Baltimore, Md.
Hanna, Walter S Sumter, S. C.
Harris, Ethel Halls Hill, Va.
Howard, James R. Baltimore, Md.
Hughes, Hugh P. Baltimore, Md.
Johnson, Sylvester Washington, D. C.
Johnson, Lucy W Fredericksburg, Va.
Johnson, Oscar R Eufaula, Okla.
Jones, Caldwell H. Mobile, Ala.
Jordon, Jesse R Mayslick, Ky.
Jordon, John A St. Augustine, Fla.
Langston, Theophilus Bridgeton, N. J.
Maloney, C. F. Chester, Pa.
Massie, James A Xenia, Ohio.
Moore, Weston E. Hagerstown, Md.
Nutt, Irving C Washington, D. C.
Perkins, Vassar E Trevilian, Va.

Pollard, William A. Georgetown, B. G., S. A.
Porter,Virgie M Washington, D. C.
Sanchez, Juan E Jabucoa, Porto Rico.
Sanchez, Luis Jabucoa, Porto Rico.
Scruggs, Ivorite Claytons, Miss.
Sheppard, Madeline Myersdale, Pa.
Smith, Alonzo D New York, N. Y.
Tavernier, A. H Dominica, B. W. I.
Thompson, Charles W Philadelphia, Pa.
Tunnell, Arthur L Washington, D. C.
Vincent, William T Guthrie, Okla.
Walker, M. Theodore Charlottesville, Va.
Williams, Raymond T.....Baltimore, Md.
Woodford, Charles Berwyn, Md.

FRESHMEN.

Adams, Adolph C. Lynchburg, Va.
Adams, Mattie P. Montgomery, Ala.
Alexander, A. S. Philipsburg, Pa.
Allen, E. L. Pittsburg, Pa.
Andrade, E. B. San Juan, P. R.
Bagley, Lloyd S. Washington, D. C.
Ballard, William H. Lexington, Ky.
Bannister, William B. Baltimore, Md.
Barnes, Charles Washington, D. C.
Basey, Noel M... Dalton, Mo.
Beckwith, Trenor Steelton, Pa.
Berry, Lucretia Washington, D. C.
Bishop, William M. Baltimore, Md.
Booker, L. W. Danville, Va.
Botts, J. M. Washington, D. C.
Brooks, John H. Staunton, Va.
Brown, George A. Washington, D C.
Bruce, Kitty Washington, D. C.
Buckner, William T. Baltimore. Md.
Bunn, Edgar B. Goldsboro, N. C.
Busbee, R. L. Lynn City ,N. C.
Butler, L. A. Washington, D. C.
Byrd, J. J. Washington, D. C.
Chase, Robert S. Baltimore, Md.
Christian, A. L. Yorktown, Va.
Clayton, B. W. Montgomery, Ala.
Coleman, Roger W. Selma, Ala.
Collins, Ira A. Houston, Texas.
Collins, Alfred H. Norfolk, Va.
Cooper, Stewart R. Baltimore, Md.
Cook, J. R. Conte Washington, D. C.
Cook, Viviene E. Washington, D. C.
Corrothers, Thomasine Washington, D. C.

Crenshaw, Claude Fort Worth, Texas.
Crumpler, Chester H. Norfolk, Va.
Cunningham, W. H. Atlanta, Ga.
Curtis, L. S. St. Louis, Mo.
Day, William Pittsburgh, Pa.
Desmukes, Alberta D. Gonzales, Texas.
Diggs, James T. Washington, D. C.
Dismond, H. B. Richmond, Va.
Epps, Joseph E. Norwick, Conn.
Foster, Anthorn Kaufman, Texas.
Frazier, Edward F. Baltimore, Md.
Frey, Thomas Cincinnati, O.
Frisby, Joseph A. Baltimore, Md.
Gatewood, Lottie Bowling Green, Ky.
Granady, James T. New York, N. Y.
Grant, George C. Parkersburg, W. Va.
Hall, George E. Greenville, Ky.
Hammons, J. M. Cornchville, Tenn.
Hamilton, B. G. St. Christopher, B. W. I.
Hawkins, L. S. Washington, D. C.
Hays, Ernest E. Baltimore, Md.
Hazzleton, Ellis Washington, D. C.
Henriques, U. S. Jamaica, B. W. I.
Hodges, Joseph G. Whilewood, Ky.
Holland, Joseph G. Washington, D. C.
Hooker, Marshall H. Fort Worth, Texas.
Howard, Irma Washington, D. C.
Holden, Perry S. Charlotte, N. C.
Howell, Ada S. Philadelphia, Pa.
Ingram, William J. Bardstown, Ark.
Jenkins, F. C. Seneca, S. C.
Johnson, Ernest New Haven, Conn.
Johnson, Oliver Braddock, Pa.
Jones, Clay H. Victoria, Texas.
Jones, Samuel A. Jacksonville, Fla.
Kirksey, Thomas Selma, Ala.
Lane, Eululia Vineland, N. J.
LaFayette, Albert S. Savannah, Ga.
Layton, J. T. Washington, D. C.
Lennox, Geo. B. Detroit, Texas.
Lennox, Hazzard Detroit, Texas.
Lester, A. P. Hawkinsville, Ga.
Lewis, Robert M. Washington, D. C.
Love, John W. Lewisburg, W. Va.
Lucas, F. J. Washington, D. C.
Mabry, E. L. Washington, D. C.
Maitland, Clarence Beaver, Pa.
Matthews, Herbert O. Everette, Pa.
Matthews, Robert M. Atlantic City, N. J.
McCarter, L. P. Magnolia Springs, Texas.
McIntosh, John Savannah, Ga.

McGhee, Roy Bulkhanon, W. Va.
McKinney, Walter Washington, D. C.
Merchant, H. A. Lexington, Ky.
Miller, Levi Washington, D. C.
Miller, Kelldy, Jr. Washington, D. C.
Miller, James E. Everette, Pa.
Moorehead, James Selma, Ala.
Murdock, Maude C. Washington, D. C.
Newton, C. A. Washington, D. C.
Neal, Robert C. Navasota, Texas.
Oliver, Clara M. Lyons, N. Y.
Page, George Baltimore, Md.
Peters, Ruth B. Washington, D. C.
Polk, Van L. Fort Worth, Texas.
Primas, H. S. Camden, N. J.
Rayfield, Matilda, ... Cape May, N. J.
Ramsay, William H. Memphis, Tenn.
Rhodes, Edna M. Cumberland, Md.
Riley, J. N. B. Meridian, Miss.
Ressey, A. P. Bayamon, P. R.
Reed, George P. Louisville, Ky.
Robinson, Clarence N. Louisville, Ky.
Richardson, Christopher A. Charleston, S. C.
Sampson, John P. Asbury Park, N. J.
Scott, C. W. Washington, D. C.
Scott, A. L. Horner, La.
Smith, James W. St. Louis, Mo.
Sparks, H. M. Washington, D. C.
Spaulding, A. Lee Whitesboro, N. J.
Stephens, J. E. Steelton, Pa.
Stratton, Harold C. Doylestown, Pa.
Summer, Marion Washington, D. C.
Taylor, A. L. Memphis, Tenn.
Taylor, Presley E. Steelton, Pa.
Temple, William H. Vicksburg, Miss.
Thompson, Louisa H. Baltimore, Md.
Tunnell, Mable P. Washington, D. C.
Valentine, O. F. St. Louis. Mo.
Walker, John B. Avalon, Va.
Ward, E. A. Charlottesville, Va.
Ward, Milton M. Washington, D. C.
Waters, John L. Oxford, Md.
Weatherless, Ruth Washington, D. C.
Welch, Elaine Washington, D. C.
White, Fred C. Jackson, Miss.
Williams, Anthony E. Washington, D. C.
Williams, Joseph C. Parkers, Va.
Willlams, Rutherford M. Evanston, Ill.
Wilson. J. H. Tifton, Ga.
Wiggins, E. C. Washington, D. C.

Williams, J. R. Jamaica, B. W. I.
Withers, M. W. Minneapolis, Minn.
Wormley, Louis Washington, D. C.
Young, Ralph J. Reading, Pa.

COLLEGE OF ARTS AND SCIENCES.

PART COURSE STUDENTS.

Barclay, N. L. H. Kingston, Jamaica, B. W. I.
Bell, I. F. St. Louis Mo.
Brown, Thomas C. Baltimore, Md.
Burke, Lillian Washington, D. C.
Calloway, E. A. Kilgore, Texas.
Carter, P. J. Frankton, Va.
Champion, A. B. Jacksonville, Fla.
Cooper, W. W. Waco, Texas.
Harris, N. W. Norfolk, Va.
Hawkins, Leland Washington, D. C.
Humbert, Chas. R. Darlington, S. C.
Jackson, Andrew, Jr. Birmingham, Ala.
McCloud, W. M. Fort Laron, S. C.
Morse, J. C. Kingston, Jamaica, B. W. I.
Palmer, H. S. Jamaica, B. W. I.
Perry, H. S. Atlanta Ga.
Pollard, Benjamin Georgetown, B. G., S.A.
Powe, W. Darlington, S. C.
Reid, J. H. Montclair, N. J.
Smith, Emory B. Raleigh, N. C.
Stennett, Raynes Montego Bay, Jamaica, B. W. I.
Schweich, H. S. Columbia, Mo.
Thomson, L. O. Jamaica, B. W. I.

SUMMARY.

Special Students with Degrees	9
Seniors	36
Juniors	55
Sophomores	42
Freshmen	138
Part Course Students	23
	303

STUDENTS IN THE TEACHERS COLLEGE.

SENIORS.

Beamon, Reginald Emmett Newport News, Va.
Berry, Isaac Reed Fodice, Texas.
Bugg, Jimmie Belle Lynchburg, Va.

Chandler, Edward Marion Augustus Ocala, Fla.
Davis Myra Lillian San Antonio, Texas.
Deanes, Anthony Warrenton, Va.
Grant, Arthur Rudolph Jacksonville, Fla.
Hodge, Adolph Norristown, Pa.
Jason, William Barrington Coatesville, Pa.
Johnston, Lucy Regina Washington, D. C.
Jones, James Edward Spartanburg, S. C.
Jordan, Walter Jefferson Atlanta, Ga.
Massey, Bristow Christopher Rock Hill, S. C.
Matthews, Owen Walter Washington, D. C.
McGuire, Jessie May Galveston, Texas.
Motte, Edith Lucille Denmark, S. C.
Owings, Charles Grafton Abingdon, Md.
Pitts, Bertha Adine Montrose, Colorado.
Purnell, John Henry Trappe, Md.
Randall, Thomas Hamilton Eufaula, Ala.
Reason, Arthur Wesley Leesburg, Fla.
Tuell, Ruth Homestead, Pa.

JUNIORS.

Blackwell, Wertie Clarice Kansas City, Mo.
Brown, Howard Washington Camden, N. J.
Chase, Frederica Josepha Dallas, Texas.
Cuff, Ethel Letitia Wilmington, Del.
Davis, Raymond Anthony Washington, D. C.
Davies, Amy Gertrude Lynchburg, Va.
Davies, Oscelletta Lynchburg, Va.
Hanson, Czarina Beulah Washington, D. C.
Hughston, Frances Halford Washington, D. C.
Jones, Jacob Emmanuel Baltimore, Md.
Massie, Samuel Proctor Xenia, Ohio.
Nelson, James Irving Washington, D. C.
Oberdorfer, Pauline Richardson Philadelphia, Pa.
Sandors, Ada F. Baton Rouge, La.
Sewell, Naomi Scott Washingtonville, N. Y.
Spann, John Wesley Dancy, Miss.
Taylor, Francis Alphonzo New York, N. Y.
Terry, Andrew Cincinnati, Ohio.
Tibbs, Walter Edward Upper Marlboro, Md.
Waits, Benjamin Lewis Florence, Ala.
Wells, James Samuel Chester, Pa.
Wells, Olive Mae Cleveland, Ohio.
Young, Julia Edna Batesville, Miss.

SOPHOMORES.

Armstrong, Earl Murphy Moundsville, W. Va.
Armstrong, Ernest George Moundsville, W. Va.
Askew, Emma L. Washington, D. C.

Brinkley, Ruth Catherine Washington, D. C.
Brown, Bernardin Sedricks Washington, D. C.
Brown, James T. Jacksonville, Ill.
Carter, Evelyn S. Washington, D. C.
Carter, Maude Helen Washington, D. C.
Caldwell, Lawrence Cravath Philadelphia, Pa.
Clair, Matthew Walker Washington, D. C.
Crampton, Earl H. Scranton, Pa.
Curtiss, Florence May Washington, D. C.
Dickens, General Ulysses Elizabeth City, N. C.
Evans, Martha L. Gloucester, Va.
Fearing, Gladys Christine Washington, D. C.
Ford, Bethel Elizabeth Coatesville, Pa.
Foster, William Henry Tuscaloosa, Ala.
Franklin, Joseph Alexander Orange, N. J.
George, Clayborne Surry C. H., Va.
Grinnage, Isabelle Morris Atlantic City, N. J.
Gunner, Mary Frances Hillburn, N. Y.
Harris, Jemima Laura Washington, D. C.
Hendley, Charles Vergne Huntsville, Ala.
Holmes, Emma Bowen Arlington, Va.
Jackson, Margaret Edna Baltimore, Md.
Kidrick, Lucy Wilson Washington, D. C.
Lee, Helen Eliza Catherine West Philadelphia, Pa.
Long, Howard Hale News Ferry, Va.
Madden, Willis Madison Alexandria, Va.
McCallum, Lemuel St. George Augustus Jamaica, B. W. I.
Matthews, Benjamin Alexander Baltimore, Md.
Newsome, Alpha Blondel Washington, D. C.
Pugh, Lottie Nadine Waxahachie, Texas.
Purvis, Louise D. Charleston, S. C.
Redden, Meta Augusta Baltimore, Md.
Rice, Virgin Banion Washington, D. C.
Richmond, Isham Caleb Brooklyn, N. Y.
Robinson, Helena Louise Meriden, Conn.
Rone, Mabel Sarah Clarksburg, W. Va.
Rose, Bertha Madden Washington, D. C.
Ruddock, Lottie Younger Lucea, Jamaica, B. W. I.
Ruffin, Guy Stephen Clarksburg, W. Va.
Taylor, Benjamin Harrison Washington, D. C.
Thomas, Minnie Beatrice Belle Columbus, Ohio.
Toles, Sarah Edessa Battle Creek, Mich.
Toliver, Gladys Eleanora Naoma Washington, D. C.
Vaughan, Pauline Gertrude Kansas City, Kans.
Walker, Homozelle Scott Washington, D. C.
Woodward, Joseph Nathaniel Washington, D. C.
Wyche, Julia Inez Charlotte, N. C.

FRESHMEN.

Ball, Otis Taylor Burgess Store, Va.
Biddle, Hester Maud Baltimore, Md

Blowe, Maude Elizabeth Washington, D. C.
Brinkley, Edith Naomi Washington, D. C.
Brown, Ida Angeline Crosby Schenectady, N. Y.
Burson, Beatrice Bessie Dallas, Texas.
Bushe, Gertrude Viola Washington, D. C.
Cassell, Louis Ardonis Atlantic City, N. J.
Chandler, Annie Marcella Ocala, Fla.
Chandler, Edith Mabel Ocala, Fla.
Chipman, Charles Henry West Cape May, N. J.
Connor, Ida James Lynchburg, Va.
Crawford, Harry Stephenson Washington, D. C.
Davis, Charles Alexander Elizabeth, N. J.
Dean, Juanita Charlotte Washington, D. C.
Duckett, Lillian Alois Washington, D. C.
Dykes, Florence Milton Washington, D. C.
Evans, Marion Bright West Conshoken, Pa.
Gaddie, Maude Claudine New Albany, Ind.
Goldston, Genevieve Rollins Pittsburg, Pa.
Gould, Mary Jane Baltimore, Md.
Hall, Susie Beatrice Denver, Colo.
Hamilton, Mabelle Beatrice Washington, D. C.
Hoffman, Montclair E. Jamaica, B. W. I.
Jackson, James W. Charleston, W. Va.
Jackson, Marie Antoinette Washington, D. C.
Ingram, William E. Petersburg, Va.
Johnson, Mary Emma Washington, D. C.
Jones, Georgia Corrine Washington, D. C.
Jones, Goldena Pearle Tyrone, Pa.
Jones, Sadee Elizabeth Atlanta, Ga.
Kendrick, Matthew Three Notch, Ala.
Larkins, Bertha H. Denver, Colo.
Lewis, Bernice Beatrice Charleston, S. C.
Lowe, Jane Sevilla Wheeling, W. Va.
Marshall, Ouida Veronica Washington, D. C.
Martin, Harry Moire Cincinnati, Ohio.
McAden, Mosby Bradley Milton, N. C.
McComas, Ruby Ann Hamilton, Ontario, Canada.
McCormick, Thomas Herbert Baltimore, Md.
Miller, William Alexander Norfolk, Va.
Monholland, Vera May Kansas City, Mo.
Moore, Grafton L. Ridgley, Md.
Morse, Leonard Francis New Bedford, Conn.
Morton, Albert MacIntosh Washington, D. C.
Nelms, Bessie Louise Montgomery, Ala.
Norman, Rhetta Virginia Montgomery, W. Va.
Page, Fannie Elizabeth Washington, D. C.
Poole, Whitlock Frances Atlanta, Ga.
Robinson, Helen York, Pa.
Rose, Claude Melven Washington, D. C.
Rose, Emma Stephens Washington, D. C.
Scott, Virginia Marie Washington, D. C.

Scott, Wyndham Meredith Songer.....Wytheville, Va.
Shaw, Lillie Allean Dallas, Texas.
Smith, Bertha Len.....Meridian, Miss.
Smith, John Leonard, Jr.....Anacostia, D. C.
Snowden, Anna Jean.....Dayton, Ohio.
Southall, Eugene Portlette.....Norfolk, Va.
Stone, Alphonzo Delaney.....Selma, Ala.
Stone, Emmons Braxton.....Selma, Ala.
Thomas, Lena Mae.....Bellefonte, Pa.
Tolson, Rachel Helen.....Washington, D. C.
Turner, Alice Porter.....Boston, Mass.
Turner, Bettie Waxahachie, Texas.
Turner, Robena Beatrice.....Norfolk, Va.
Wade, Shirley Moundsville, W. Va.
Walker, Abram McCartney.....Avalon, Va.
Walker, Verena Washington, D. C.
Wallace, Horace Beverly.....Petersburg, Va.
Webb, Hayward Thomas Preston, Md.
Wilkinson, Ethel Cornelia Washington, D. C.

PART COURSE.

Addison, Evelyn Hartford, Conn.
Anderson, Aramenta Henrietta Denver, Colo.
Bowman, Irene Lily Louisville, Ky.
Holcombe, Flaxie Madison.....Washington, D. C.
Jernigan, Robert Lee Winston, N. C.
Mason, Anna Marion Washington, D. C.
Payne, Anna Smith Washington, D. C.
Quander, Mary Forrinda.....Washington, D. C.

SUMMARY.

SENIORS	22
JUNIORS	23
SOPHOMORES	50
FRESHMEN	72
PART COURSE	8
	175

CONSERVATORY OF MUSIC.

Vocal Students

Andrews, Robert Sumter, S. C.
Beamon, Reginald Newport News, Va.
Burke, Geneviever Washington, D. C.
Creekman, Cora Washington, D. C.
Dickson, Katie Atlanta, Ga.
Dykes, Eva Washington, D. C.

Dykes, Florence Washington, D. C.
Goodwin, Amy Amherst, Mass.
Gould, Mary Baltimore, Md.
Hall, George Greenville, Ky.
Harrison, Katherine Toronto, Canada
Jones, Jacob Baltimore, Md.
Jones, Marjorie Florence, Ala.
Kent, Marie Rochester, N. Y.
Koger, Linwood Reidsville, N. C.
Lowe, Jane Wheeling, W. Va.
Mabane, Nellie Washington, D. C.
Mayo, Mary Washington, D. C.
Poindexter, William Huntington, W. Va.
Scott, Alta Washington, D. C.
Shaw, Lillian Dallas, Tex.
Stone, A. D. Selma, Ala.
Thomas, Maline Rochester, N. Y.
Vaughn, Pauline Kansas City, Mo.
Ware, Beatrice Washington, D. C.
Wells, Olive Cleveland, Ohio
Williams, Wyoming Thomasville, Fla.

PIANO STUDENTS

Seniors

Bowman, Irene Louisville, Ky.
Burton, Carrie Laramie, Wyo.

Grade 6.

Dykes, Eva Washington, D. C.
Goodwin, Amy Amherst, Mass.
Johnson, Ruth Springfield, Mass.
Lampton, Cornella Greenville, Miss.
Worde, Philip Elizabeth, N. J.

Grade 5.

Grimshaw, Ruth Washington, D. C.

Grade 4.

Bundy, Della Washington, D. C.
Douglass, Fannie Washington, D. C.
Jones, Pearl Tyrone, Pa.
Monroe, Amabell Augusta, Ga.
Robinson, Mayme Richmond, Va.

Grade 3.

Brown, Grace Washington, D. C.
Dykes, Florence Washington, D. C.

Harris, Elizabeth Washington, D. C.
Mondy, Bertha Denver, Colo.
Pryor, Alganon Washington, D. C.
Terral, Phyliss Washington, D. C.
Williams, Cora Washington, D. C.

Grade 2.

Baxter, Ada Gorgetown, S. C.
Hilyer, Katherine Washington, D. C.
Hunter, Lillian Washington, D. C.
Jones, Jacob Baltimore, Md.
Kent, Marie Rochester, N. Y.
Letcher, Georgia Washington, D. C.
Perry, Gertrude Chicago, Ill.
Ruffin, Beatrice Washington, D. C.
Scott, Alta Washington, D. C.
Shepard, Harriet Washington, D. C.
Stipes, Lucile Chattanooga, Tenn.
Tunnell, Mabel Washington, D. C.
Williams, Mandiline Washington, D. C.
Wyatt, Hattie Charleston, W. Va.

Grade 1.

Alston, T. L. Metropolis, Ill.
Burnett, John Norfolk, Va.
Creekman, Cora Washington, D. C.
Cooper, Edith Washington, D. C.
Dausuel, Sexton Horse Show, Henderson Co., N. C.
Dykes, Arnita Washington, D. C.
Gatewood, Lottie Bowling Green, Ky.
Gould, Mary Baltimore, Md.
Grier, Pearlie Washington, D. C.
Harris, Christine Washington, D. C.
Harrison, Odele Mobile, Ala.
Jernigen, Mattie Washington, D. C.
Jones, Marjorie Florence Ala.
Jones, Mildred Augusta, Ga.
Lowe, Jane S. Wheeling, W. Va.
Mackintosch, John Savannah, Ga.
Mallory, Sadie Washington, D. C.
Mason, Rachel Mobile, Ala.
Miller, Irene Washington, D. C.
Miller, Mary Washington, D. C.
Redden, Metta Baltimore, Md.
Richards, Amos G. Jacksonville, Fla.
Scott, Llewellyn Cismont, Va.
Shackelford, Esther Richmond, Ky.
Shepard, Moses Columbia, S. C.
Swanston, Ernest Nevis, B. W. I.

Thomas, Maline Rochester, N. Y.
Tunnell, Victoria Washington, D. C.
Webb, Henrika Washington, D. C.
Webb, Martha Washington, D. C.

VIOLIN STUDENTS.

Alston, T. L. Metropolis, Ill.
Ballard, William Lexington, Ky.
Davenport, George Norfolk, Va.
Hedgeman, Norman Alexandria, Va.
Kirksez, Thomas Selma, Ala.
Monroe, Amabell Augusta, Ga.
Shaw, L. A. Dallas, Tex.

HARMONY STUDENTS.

Third Term.

Kent, Marie Rochester, N. Y.
Letcher, Georgia Washington, D. C.
Shepherd, Harriet Washington, D. C.

Second Term.

Bundy, Della Washington, D. C.
Dykes, Eva Washington, D. C.
Worde, Phillip Elizabeth, N. J.

First Term.

Brown, Grace Washington, D. C.
Coffey, Elizabeth Florence, Ala.
Goodwin, Amy Amherst, Mass.
Irvin, Helen Philadelphia, Pa.
Jones, Olive Washington, D. C.
Jones, Marjorie Florence, Ala.
Jones, Mildred Augusta, Ga.
Lampton, Cornella Greenville, Miss.
Monroe, Amabell Augusta, Ga.
Scott, Alta Washington, D. C.
Wells, Olive Cleveland, Ohio

EAR TRAINING STUDENTS.

Bowman, Irene Louisville, Ky.
Brown, Grace Washington, D. C.
Burton, Carrie Laramie, Wyo.
Dykes, Eva Washington, D. C.
Irvin, Helen Philadelphia, Pa
Thomas, Maline Rochester, N. Y.

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	88

THE LIBRARY SCHOOL.

SPECIAL STUDENTS.

Burke, Lillian Washington, D. C.
King, Estelle LaGrange, Ga.

THE SCHOOL OF THEOLOGY.

POST GRADUATES.

Ferris, George E. Matawan, N. J.
Hargis, David H. Wilmington, Del.
Jones, Marion S. Fort Davis, Ala.
King, Fairfax F. Accotink, Va.
King, James U. St. Michaels, Md.
Middleton, R. T. Vicksburg, Miss.
Nyangi, J. D. Exuaweme, So. Africa.
Yearwood, J. N. Washington, D. C.

SENIORS.

Dixon, George R. Philadelphia, Pa.
Grymes, Richard D. Igo, Va.
Hodge, Benjamin H. Jacksonville, Fla.
Johnson, David W. Springfield, Mass.
Knox, Charles L. Washington, D. C.
Long, Hilliard W. Hillsboro, N. C.
Manly, William R. Winton, N. C.
Moates, John D Vaiden, Miss.
Poindexter, William D. Huntington, W. Va.
Smith, Emery B. Raleigh, N. C.
Stevenson, William E. Hinton, W. Va.
Stokes, Volley V. K. Gloucester, Va.
Thomas, Henry H. Long Branch, N. J.
Westray, Benjamin J. Washington, D. C.
Woolfolk, Briscoe C. Washington, Pa.

MIDDLERS.

Baker, William B.....Waxhall, N. C.
Carter, Roy Washington, D. C.
Caver, Monroe S.....Washington, D. C.
Frisby, Clarence W.....Cannonsberg, Miss.
Goffnay, Stephenie T.....Washington, D. C.
Holland, Abraham L.....Hamburg, Pa.
McLeod, Jonathan O. Leicester, Jamaica, B. W. I.
Miller, George F. Mc.....Smithville, Jamaica, B. W. I.
Reading, Andrew T.....Atlanta, Ga.
Reid, James H.....Montclair, N. J.
Stennett, Raynes W. Montego Bay, Jamaica, B. W. I.
Williams, Webster B. Clinton, S. C.

JUNIORS.

Blake, David A.....Cary, N. C.
Campbell, Daniel St. Anns, Jamaica, B. W. I.
Delainey, William Y. D.....Philadelphia, Pa.
Hamer, Joseph C., Jr. Baltimore, Md.
Holder, Hafford A.....Georgetown, Demerara, British Guiana.
Hughes, Enoch Cambridge, Md.
Jackson, Robert A.....Baltimore. Md.
Jernigan, Alsonia L.....Winton, N. C.
Jones, Thomas C.....Harrelsville, N. C.
Lassiter, Grover C.....Harrelsville, N. C.
Meddrey, John B.....Philadelphia, Pa.
Morgan, Philip, Jr.....Washington, D. C.
Pagan, Adholtz Gratonia, N. C.
Swanston, Ernest Nevis, B. W. I.
Walker, Alexander Chester, S. C.
Williams, Lawrence L.....Stephen City, Va.

SPECIAL STUDENTS.

Jackson, Andrew, Jr.....Birmingham, Ala.
Nichols, Lee J.....Quillin, Va.
Perry, Henry A.....Suspension, Ala.

THE EVENING INSTITUTE.

FOURTH YEAR.

Bolden, Mary J.....Washington, D. C.
Carter, Richard F.....Washington, D. C.
Coles, William Proffit, Va.
Johnson, Edward D.....Washington, D. C.
Stewart, William H. Spottsylvania Co., Va.
Toulson, Charles H.....Washington, D. C.
Underwood, William H.....Washington, D. C.

THIRD YEAR.

Ashton, Charles B.....Falls Church, Va.
Carter, Elnora Prince Edward Co., Va.

Coates, William A.....Washington, D. C.
Crutchfield, Alfred Westmoreland Co., Va.
Ford, John H.....Alexandria, Va.
French, William H.....Falls Church, Va.
Hollands, Elijah W.....Washington, D. C.
Kent, James E.....Washington, D. C.
Myers, Frederick D.....Charles Co., Md.

SECOND YEAR.

Barnes, Edward J.....Wilson, N. C.
Comer, Charles P.....Washington, D. C.
Hawkins, James H.....Washington, D. C.
Hearnes, Frank E.....Washington, D. C.
Holmes James T.....Washington, D. C.
Jones, Cornelius S.....Galveston, Texas.
Massey, John K.....Washington, D. C.
Moore, Edward A.....Cincinnati, Ohio.
Wheeler, Wesley C.....Washington, D. C.
White, William D.....Washington, D. C.

FIRST YEAR.

Adams, James H.....Fairfax Co., Va.
Baber, Walter Washington, D. C.
Jenkins, Charles B.....Washington, D. C.
Leach, Charles Washington, D. C.
Lewis, Augustus Washington, D. C.
Marshall, James H.....Washington, D. C.
Marshall, John T.....Anacostia, D. C.
Saunders, William H.....Fairfax Co., Va.
Shellington, Eugene Fairfax Co., Va.
Stevenson, Nathaniel Washington, D. C.
Thornton William H.....Washington, D. C.
Williams, William A.....Washington, D. C.

DEPARTMENT OF CORRESPONDENCE-STUDY.

Armistead, H. D.....Lovelady, Texas.
Armstrong, R. A.....Lowell, N. C.
Blackiston, J. H.....Philadelphia, Pa.
Burns, J. H.....Lancaster, Ky.
Campbell, H. Nason, Va.
Carroll, R. A. H.....Newberne, N. C.
*Chiles, E. T.....Abbeville, S. C.
Clark, H. C.....Springfield, Mass.
Coleman, L. E.....Philadelphia, Pa.
*Coates, R. F.....Aquasco, Md.
Craig, L. E.....Pineland, Texas.
Coulbourn, J. S.....Wattsville, Va.

Day, O. T.....Suffolk, Va.
Dickerson, J. H.....Spring, Lake, N. J.
*Drake J. D.....Washington, D. C.
*Ferris, G. E.....Matawan, N. J.
Grant, J. E.....Charlottesville, Va.
*Hargis, D. H.....Wilmington, Del.
*Hart, R. A.....Washington, D. C.
Hawkins, S. T.....Derita, N. C.
Henderson, W. W.....New Haven, Conn.
Herndon, S.....Lincolnton, N. C.
Hoggard, J. M.....Middletown, N. J.
Hubbard, W. A.....Middleton, Del.
Hunter, J. J.....Statesville, N. C.
*Jackson, J. A.....Washington, D. C.
*Jeffress, J. M.....Charlotte C. H., Va.
Jennings, R. D.....Grafton, W. Va.
Johns, J. E. A.....Centreville, Md.
Johnson, L. H.....Oxford, N. C.
*Jones, M. F.....Fort Davis, Ala.
*King, F. F.....Accotink, Va.
*King, J. U.....St. Michaels, Md.
Kinsell, R. E.....Washington, D. C.
Knight, J. D.....New York City.
*Lucas, B. A.....Washington, D. C.
*Matthews, C. H.....Bel Air, Md.
*Middleton, R. T.....Vicksburg, Miss.
Morgan, C. M.....Castries, San Lucia, B. W. I.
Moseley, E. L.....Orange, N. J.
*Nichols, L. J.....Washington, D. C.
Perry, B. H.....Atlantic City, N. J.
Pinckney, A.....Sanford, N. C.
Ramseur, C. V.....Cornelius, N. C.
*Reed, D. L.....Fredericksburg, Va.
Shirley, E. S.....Spanish Town, Jamaica.
Stovel, D.....Ancon, Canal Zone.
Tate, G. W.....Wilkesboro, N. C.
Tillman, H. D.....Carthage, N. C.
Townsend, G. T.....Dames Quarter, Md.
Virgil, J. D.....Lakewood, N. J.
West, W. C.....Preston, Md.
Wilson, T. P.....Salisbury, Md.

*Matriculated.

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CORRESPONDENCE STUDENTS.

Matriculated as University Students	16	
		16
		108
Correspondence Students not included in enrollment	37	

MEDICAL COLLEGE.

SENIORS—37.

Arthurs, Samuel James.....Buff Bay, Jamaica, B. W. I.
Asberry, Milton Thomas Yoakum, Texas.
Bowser, Elmer Elsworth, A. B., Lincoln University
Havre de Grace, Md.
Brown, John Harris Wilmington, N. C.
Carrington, James Otis Malden, Mass.
Durrah, Fred Falls Clifton, S. C.
Gray, Edward Benjamin Washington, D. C.
Gross, Carl Russell Providence, R. I.
Hall, George Logan Portsmouth, Va.
Harris, Charles Oscar, Jr.....Montgomery, Ala.
Hawkins, Otis H., M. D., Shaw (Special).....Kittrell, N. C.
Jackson, Julien D.....Richmond, Va.
Jackson, Walter Jordan Augusta, Ga.
Janifer, Clarence Sumner Newark, N. J.
Johnson, Arthur Edward Ansonia, Conn.
Jones, Arthur Emmetts, Jr.....Richmond, Va.
Lathers, Christopher C., A. B., LL. M., Howard University,
Dyersburg, Tenn.
Lewis, William E.....Washington, D. C.
Lynch, Harry C. Washington, D. C.
McClain, Richard P. Cincinnati, Ohio.
Mason, Dean O.....Cadiz, Ohio.
Mitchell, Evelyn G. (Miss) East Orange, N. J.
A. B., Cornell; M. S., George Washington.
Montague, William H.....Hague, Va.
Morris, Horace Louisville, Ky.
Murray, Harvey A. Wilmington, Del.
Oliver, Hudson J., Jr.....Jersey City N. J.
Perry, Olden Oliver Tuskegee, Ala.
Polk, John Knox Versailles, Ky.
Robinson, John H., Jr.....Hampton, Va.
Sankar, Andrew E.....Prince Town, Trinidad.

Strawn, Estil Y. Columbia, Mo.
Walker, George Theophilus Kingston, Jamaica.
Watson, Edwin J. Antigua, B. W. I.
Wharton, Ulysses S. Everett, Va.
Whitby, Ferdinand D., A. B., Howard University Golliard, Texas.
White, George W. Richmond, Va.
White, Vernon E. Mount Hope, W. Va.
Williams, Leon James Bermuda, B. W. I.

JUNIORS—37.

Anderson, Joshua F. Jamaica, B. W. I.
Ballou, Ernest L. Providence, R. I.
Bell, Perry M. Lexington, Ky.
Brock, Howard F. Westchester, Pa.
Brown, Lawrence G. Hyman, S. C.
Brown, William H. Washington, D. C.
Buckner, Roscoe W. H. Charlottesville, Va.
Burke, Stephen E. Orange, N. J.
Carghill, William H. Baltimore, Md.
Cox, George H., Phar. D., Howard University Washington, D. C.
Curtis, Austin M., Jr. Washington, D. C.
Davidson, Richard H. Jamaica, B. W. I.
Dottin, Martin L. Barbados, B. W. I.
Easter, Rafe A. Waco, Texas.
Flagg, Charles H. Washington, D. C.
Gibbons, Louis S. St. Michaels, B. W. I.
Gordon, Frank A. Williston, N. Dak.
Green, William I. Monroe, La.
Hayes, James M. Union Level, Va.
Johnson George A. Washington, D. C.
Johnson, Louis A. Towson, Md.
Love, William A., A. B., Howard University Baltimore, Md.
Lucas, Marie B. Washington, D. C.
McKinney, Arthur B. Washington, D. C.
Mack, William C., A. B., Biddle University Columbia, Tenn.
Murray, Peter M., A. B., New Orleans University New Orleans, La.
O'Flaherty, Nathan Nevis, B. W. I.
Olden, Perry A. Greenville, Tenn.
Opey, William G. Washington, D. C.
Powell, Robert J., A. B., Lincoln University Newton, Pa.
Rhinehart, Harvey H., A. B., Philander Smith College, Stephens, Ark.
Riley, Joseph H. H. Kansas City, Mo.
Roane, Edward S. Brooklyn, N. Y.
Schlaughter, Frederick M. Rock Island, Ill.
Shelton, Joseph L. Washington, D. C.
Toney, Marcellus E. Baltimore, Md.
Vaughan, James M. Plainfield, N. J.
Watkins, John F., Jr. Philadelphia, Pa.
Williams, John D., B. S., Union University Manassas, Va.

SOPHOMORES—30.

Alleyne, Albert A.....Port of Spain, Trinidad.
Bennett, Isaiah S., A. B., Allen University Charleston, S. C.
Brown, Thomas C.....Baltimore, Md.
Clinton, John J.....Lancaster, S. C.
Crawford, Martin L., A. B., Howard University....Jacksonville, Fla.
Dixson, David J., A. B., Benedict College.....Barnwell, S. C.
Flowers, John A., A. B., Fisk University.....Mt. Adams, Ark.
Garvin, Charles H., A. B., Howard University.....Jacksonville, Fla.
Gibson, Levi A., A. B., Livingstone College.....China Grove, N. C.
Gordon, Robert K.....Darlington, S. C.
Harris, Norman W.....Norfolk, Va.
Holdbrooks, Alonza A., A. B., Livingstone College...China Grove, N.C.
Holt, John W., A. B., Livingstone College.....Asheville, N. C.
Humbert, Charles R. Darlington, S. C.
Lee, Edwin H., B. S., Columbia University.....Tuskegee, Ala.
McCloud, William, A. B., Lincoln University.....Fort Laron, S. C.
McKelvie, Julius C., A. B., Howard University.....Augusta, Ga.
McMorris, John H., A. B., Howard University.....Macon, Miss.
McRae, Jay G., B. S., Biddle University.....Carthage, N. C.
Martin, Isaiah H., B. S., Fisk University.....Decatur, Ala.
Morgan, Frederick C.....Bridgetown, B. W. I.
Parker, James W., A. B., Howard University.....Jacksonville, Fla.
Pigott, Caysa N.....Baltimore, Md.
Plummer, Frank V.....Hyattsville, Md.
Robinson, Ernest A., A. B., Livingstone College.....Pee Dee, N. C.
Terrell, John H., A. B., Lincoln University.....Coco, Fla.
Wilson, Islam E., A. B., Biddle University.....Macon Ga.
Worth, Charles W., A. B., Shaw University Raleigh, N. C.
Yard, James C.....Bronxville, N. Y.
Yoakley, William B., A. B., Wilmington College....Wilmington, Ohio.
Young, Claudius J., A. B., Bennett College.....Sherrills Ford, N. C.

FRESHMEN—17.

Bell, John B., A. B., Lincoln University.....Governor's Island, N. Y.
Carter, Peter J.....Franktown, Va.
Clayborne, Moses (Special) Boone Mill, Va.
Conyers, James G. Atlanta, Ga.
Day, William B.....Baltimore, Md.
Fraser, John E.....Demerara, British Guiana.
Hughes, Hugh P.....Baltimore, Md.
Jacobs, Philip E. Beaumont, Texas.
Page, George C. Baltimore, Md.
Peace, William C. E., A. B., Howard University....Henderson, N. C.
Richie, Emory W., B. S., (N. C.) A. & M. College...Abbeville, S. C.
Sanchez, Juan E. Placetas, Cuba.
Starks, Samuel L., A. B., Paine College.....Lisbon, Ga.
Stewart, Robert Russell, A. B., Lincoln University (Special), Washington, D. C.

Stitt, Richard H., A. B., Livingstone.....Concord, N. C.
Wallace, James C., A. B., Wiley University.....Beaumont, Texas.
Winthop, William (Special).....Washington, D. C.

DENTAL COLLEGE.

SENIORS—28.

Bell, Julius St. Louis, Mo.
Bullock, Samuel G. Washington, D. C.
Carpenter, Albert M. Pittsburg, Pa.
Collins, Arthur J. Eastover, S. C.
Cowan, Cornelius S., A. B., Howard University....Wilmington, N. C.
Davis, Oscar E.....Roanoke, Va.
Downing, Elwood D., A. B. Biddle University Roanoke, Va.
Evans, Elias G. Live Oak, Fla.
Evans, George G., A. B., Shaw University Raleigh, N. C.
Givens, Everett H. Austin, Texas
Hudson, Henry C. Alexandria, La.
Hardy, Ernest M. Washington, D C.
Jackson, John A. Petersburg, Va.
Johnson, Thomas O., Jr. Jersey City, N. J.
Jones, Charles A.....Atlanta, Ga.
Jordan, Jack V. Little Rock, Ark.
King, Quincy B. Suffolk, Va.
Kyle, George A. Cincinnati, Ohio.
Lancaster, William L. Akron, Ohio.
Mayer, Leon H. Washington, D. C.
Miller, Luther A. Mandeville, Jamaica.
Pulley, Robert F. Loraine, Ohio.
Smith, Jesse E. Cadiz, Ohio.
Vandavell, James M. Waco, Texas.
Vaughn, Julian F., Jr. Newark, N. J.
White, Henry C. Dallas, Texas.
White, William H. Columbus, Ga.
Wilson, James N., A. B., Biddle University Chattanooga, Tenn.

SECOND YEAR—32.

Adams, Arthur S. Elkhorn, W. Va.,
Alexander, England T. Washington, D. C.
Bailey, Luther C. Philadelphia, Pa.
Brown, Emmet I. Zion, Ky.
Burleigh, Arthur V. M. Atlantic City, N. J.
Burnett, Junius B. Paris, Texas.
Claytor, William O. (Special).....Washington, D. C.
Coleby, Albert E. Nassau, Bahama Islands.
Cox, Everett O., A. B., Philander Smith College....Little Rock, Ark.
Davenport, Lawrence J. Orange, N. J.
Dowdell, Crawford B. Americus, Ga.
Evans, Andrew F. Lexington, Va.

Ferguson, Charles F., Jr. Cape May City, N. J.
Foster, Leo J. Meridian, Miss.
Goggins, James B. Cokesbury, S. C.
Gordon, Levi P. M. Philadelphia, Pa.
Goss, William T., A. B., Biddle University Durham, N. C.
Henriques, Luther T. Mandeville, Jamaica.
Hickman, Frank E. Washington, D. C.
Hinds, Charles M. Barbados, B. W. I.
Howell, Hugh D. St. Louis, Mo.
Howell, Timothy A. Vermont, Barbados, B. W. I.
Keller, Clarence F. Springfield, Ohio.
Logan, William M., A. B., Biddle University Concord, N. C.
McCollum, Lawrence Bennettsville, S. C.
Megahy, James K. C. New York, N. Y.
Morrison, James M. Kingston, Jamaica.
Richardson, Canute W. Old Harbor, Jamaica.
Roy, Joseph C. New Orleans, La.
Weeden, Henry P. Hampton, Va.
Whitfield, Harry M. Washington, D. C.
Williams, Albert P., Jr., A. B., Lincoln University Savannah, Ga.
Williams, Herbert A. Jamaica, B. W. I.

FRESHMEN—62.

Alexander, Albert S. Philipsburg, Pa.
Blige, Samuel N. G. Tampa, Fla.
Borders, Arthur B. Fort Worth, Texas.
Bridges, James E. Galveston, Texas.
Bush, James E. Baton Rouge, La.
Butler, Lucius A. Augusta, Ga.
Calloway, Elijah A. Kilgore, Texas.
Campbell, Alger L. Tarrytown, N. Y.
Campbell, Emmett E. Talcott, W. Va.
Cole, Gilbert A. Crosskeys, Jamaica.
Comans, Nathaniel H. Paris, Tex.
Cooper, Arthur P. Wilmington, Del.
Cooper, Wellington W. Waco, Texas.
Cox, Thomas R. Montgomery, Ala.
Crenshaw, Claude L. Fort Worth, Texas.
Day, Orlando D. St. Louis, Mo.
Dorrell, Lewis M. Jacksonville, Fla.
Foster, Arthur F. Kingston, Jamaica.
Gittens, George B. Trinidad, B. W. I.
Gloster, Cecil F. Wilkes-Barre, Pa.
Gordon, Christopher H. Springfield, Mass.
Grannum, Leslie C. Georgetown, B. G.
Green, William N. Warrenton, N. C.
Hanson, Theodore E. Myersville, Jamaica.
Hawkins, Leland S. Washington, D. C.
Hightower, Richard A. Montgomery, Ala.
Hunt, Raymond Baltimore, Md.

Jones, Clay Henry Victoria, Texas.
Lancaster, Lewis J. Hannibal, Mo.
Lewis, Clarence F.....New York, N. Y.
Lucas, Flavius J.....Langley, Va.
Lytle, Winslow W.....Raleigh, N. C.
McTaggart, Roy E. Georgetown, B. W. I.
Martin, Joseph H., A. B., Howard University.....Washington, D. C.
Mayhew, William H. Trinidad, B. W. I.
Mitchell, Iverson O. Washington, D. C.
Moseley, Welton H., B. S. (N. C.) A. & M. College..Charlotte, N. C.
Nathan, Floyd Beaumont, Texas.
Nicholson, Edwin A. Pratville P. O., Jamaica.
Norris, Morgan E., A. B., Lincoln University.....Kilmarnock, Va.
Palmer, Henry S. Santa Cruz, Jamaica.
Pottinger, Simeon H. B. Kingston, Jamaica.
Powe, Walter Darlington, S. C.
Reid, Leon A. Portsmouth, Va.
Ressy, Anselmo R. Bayamon, P. R.
Shelton, Leonard L. Louisa, Va.
Smith, Charles J. Bayonne, N. J.
Smith, Joe W. Beaumont, Texas.
Snowball, George J. Hampden, Jamaica.
Stanley, Josephus C., Jr. Winchester, Miss.
Stephens, Joseph Albert Kingston, Jamaica.
Schweich, Houston S., Phar. D., Howard University..Columbia, Mo.
Scott, Grover C. Eastover, S. C.
Terry, E. Clayton, A. B., Howard University.....Reading, Pa.
Thomas, Raymond B. Washington, D. C.
Welch, Emma E. Wichita Falls, Texas.
West, Reuben M. Washington, D. C.
Westermoreland, Isaac O. A. B., Atlanta University.....Atlanta, Ga.
Williams, Albert J. Savannah, Ga.
Williamson, Samuel A. Reidsville, N. C.
Wily, Meredith B. El Paso, Texas.
Wise, Robert Thomas Mart, Texas.

PHARMACEUTIC COLLEGE.

SENIORS—9.

Brown, Andrew B. Norfolk, Va.
Cabaniss, Joseph D. Falls Church, Va.
Chambers, John W. Buckingham, Va.
Eberhardt, Julian H. Chattanooga, Tenn.
Howe, Alfred G. Washington, D. C.
Moseby, George T. Martinsburg, W. Va.
Pinkett, Roscoe D. Washington, D. C.
Proctor, Solomon H. Baltimore, Md.
Rattley, John E., Jr. Washington, D. C.

SECOND YEAR—12.

Clair, Grafton E. Washington, D. C.
Davenport, George R. Norfolk, Va.

Davis, William E. Washington, D. C.
Ewell, Mary C. (Miss) Washington, D. C.
Fonvielle, Joseph E., A. B., Livingstone College..... Salisbury, N. C.
Fordham, Marion R. Orangeburg, S. C.
Hardy, Henry C. Washington, D. C.
Paine, John H. Albany, Ga.
Quivers, Harold L. Washington, D. C.
Seymour, Harry S. Anacostia, D. C.
Shockley, Andrew C. Baltimore, Md.
Thompson, Julian R. Washington, D. C.

FIRST YEAR—27.

Brinnage, Emanuel G. Buckeystown, Md.
Butler, Charles A. Washington, D. C.
Carey, Lawrence B. Purcellville, Va.
Compton, Eugene C. Washington, D. C.
Davis, Joseph S. Augusta, Ga.
Diggs, Paul A. Frederick, Md.
Dixon, Edward P., Jr. Alexandria, Va.
Dudley, Jesse B. Dayton, Ohio
Goodson, Alonzo E. Congaree, S. C.
Henderson, Clarence H. Pasadena, Cal.
Hunton, Benjamin H. Toronto, Ont.
Lawson, Wilbert B. Newport News, Va.
Lee, George E. Tuskegee, Ala.
Lewis, Charles H. Washington, D. C.
Mabry, Ernest L. Washington, D. C.
Martin, James H. Faunsdale, Ala.
Martyn, Louis E. Paris, Ky.
Mullon, Edward P. New Orleans, La.
Neal, Charles F. Minneapolis, Minn.
Richardson, Wilma L. (Miss) Washington, D. C.
Robinson, Andrew A. Toronto, Canada.
Roscoe, Charles L. Concord, N. C.
Sample, Alexander W. Harrisburg, Pa.
Togans, James A. Harrisburg, Pa.
Thrower, William H. Macon, N. C.
Watson, Joseph H., Jr. Albany, Ga.
Williams, Amy M. (Miss) Washington, D. C.

SUMMARY.

MEDICAL.

Seniors	37
Juniors	37
Sophomores	30
Freshmen	17
	121

DENTAL.

Seniors	28
Second year class	32
Freshmen	62
	122

PHARMACEUTIC.

Seniors	9
Second year class	12
First year class	27
	48
	291

THE SCHOOL OF LAW.

SENIORS.

Berry, John H.	Washington, D. C.
Briscoe, Arthur E.	New York City, N. Y.
Brooks, Robert D.	Memphis, Tenn.
Brown, Huver I.	Washington, D. C.
Browne, Walter L. L.	Washington, D. C.
Bruce, William B. (A. B.)	Washington, D. C.
Burrel, William H.	Washington, D. C.
Capehart, Harry J.	Keystone, W. Va.
Carpenter, Chester A.	Washington, D. C.
Clinton, John H.	Hearne, Texas.
Davis, James A. (A. B.)	Washington, D. C.
Dunn, Henry E., (A. B.)	Kinston, N. C.
Fleming, Artee H. (A. B.)	St. Louis, Mo.
Harris, Marion F.	Magnolia, Ark.
Jones, Edward E.	New York City, N. Y.
Jackson, Bernard I.	Washington, D. C.
Lee, Peter R. (B. S.)	Orange, N. J.
Martin, William H.	Fall River, Mass.
Montgomery, Benjamin T.	Corner Stone, Ark.
Reed, Philip C. (A. B.)	Houston, Texas.
Reid, Jacob L.	Gatesville, N. C.
Robinson, John W.	Chicago, Ill.
Roundtree, John E.	Nashville, Tenn.
Rhambo, Alfred A.	Austin, Tex.
Tabb, William H.	Paris, Ky.
Thompson, Garfield C.	Chattanooga, Tenn.
Thornton, Joseph A.	New Orleans, La.
Ware, Alonzo	Pittsburgh, Pa.

MIDDLERS.

Banks, Arthur G.	Boston, Mass.
Bates, Alva L.	Bridgetown, Barbados, B. W. I.

Bond, Roy S. Forest Hill, Md.
Buckner, James E. Louisville, Ky.
Chandler, William A. New York City, N. Y.
Cleland, John M. (A. B.) Harrodsburg, Ky.
Coleman, David C. Richmond, Va.
Crumpler, Robert B. Norfolk, Va.
Curley, Clarence B. (A. B.) Memphis, Tenn.
Davis, Walter L. Norfolk, Va.
Daniels, Henry M. Savannah, Ga.
Drewry, William H. (A. B., A. M., S. T. B.) North Fork, W. Va.
Epps, John D. Kingstree, S. C.
Edwards, Fred G. Holly Springs, Miss.
Fisher, Louis H. Battle Creek, Mich.
Hamilton, Frederick J. Chicago, Ill.
Hunter, Ernest S. Pittsburgh, Pa.
Irish, George H. Montserrat, B. W. I.
Jackson, Jesse M. (A. B.) Glasgow, Mo.
Kelly, Samuel T. (A. B.) Hattiesburg, Miss.
Murray, George H. Cambridge, Mass.
Offord, William L. Philadelphia, Pa.
Pree, Riddick H. Williamsburg, Va.
Stockett, James M., Jr. Providence, R. I.
Thomas, Andrew M. San Antonio, Texas.
Thomas, Charles M. Washington, D. C.
Thompson, William J. East St. Louis, Ill.
Watkins, William E. Providence, R. I.
Wilson, Lemuel A. Washington, D. C.
Wimberley, Joseph B. San Antonio, Texas.

JUNIORS.

Barclay, Martin L. H. Kingston, Jamaica, B. W. I.
Bellamy, Arthur H. Georgetown, British Guiana.
Bailey, Arthur P. Augusta, Ga.
Barnes, Charles L. Harrisburg, Pa.
Bester, William S. Memphis, Tenn.
Davis, Mitchell A. Trenton, N. J.
Dickey, Spahr H. Washington, D. C.
Evans, Joseph H. B., (A. B.) Washington, D. C.
Fulbright, James M. (B. L. D.) Springfield, Mo.
Francis, Cedric E., (B. S.) Washington, D. C.
Hawkins, John R., (A. M.) Washington, D. C.
Hill, Samuel B. Washington, D. C.
Jones, Samuel P. Wayside, Md.
Johnson, Oliver L. Braddock, Pa.
Kinckle, John V. Savannah, Ga.
King, William E., (A. B.) Dermott, Ark.
Long, Gundie T. Washington, D. C.
Locker, Jesse D. College Hill, Cincinnati, O.
Mason, Charles H. Portsmouth, Ohio.
Mercado, Nicolas S. Fajardo, Porto Rico.

Mosse, Jonathan C. Kingston, Jamaica, B. W. I.
Morris, James B. Washington, D. C.
Murray, F. Morris Washington, D. C.
Pollard, Benjamin G. Georgetown, British Guiana.
Robertson, Joseph E. V.....Agricola, Demerara.
Robertson, Cecil E. F.....Agricola, Demerara.
Robinson, Bidwell B. Saginaw, Mich.
Reid, Thomas H. Norfolk, Va.
Ramos, Diego E. Arecibo, Porto Rico.
Stephens, Romeo B. Luther, Okla.
Sherman, Otis O. (LL. D.) Jacksonville, Fla.
Settle, Josiah T., Jr. Memphis, Tenn.
Smith, Edward S. Xenia, Ohio.
Sanderson, Gilder E. Knoxville, Tenn.
Thaggard, Samuel W. Fayetteville, N. C.
Venable, Abram H. (A.B.), ...Petersburg, Va.
Watkis, Haroldo R. St. Louis, Mo.
Wilson, Frank L. Portsmouth, Va.
Winthrop, John C. Newport, R. I.

SPECIALS.

Barber, Charles W. Rock Hill, S. C.
Dryver, Edward R. (B. S.) McNeil, Ark.
Davis John H. Knoxville, Tenn.
Fields, Early S. Newport News, Va.
Johnson, Elijah L., Jr. Tuskegee, Ala.
Jones, Junius W. Victoria, Texas.
Lilly, Leonard J. (A.B.) Crystal Springs, Miss.
Magowan, Noah W. Mt. Sterling, Ky.

SUMMARY.

Seniors	28
Middlers	30
Juniors	39
Specials	8
Total	105

THE ACADEMY.

SENIORS.

Baxter, Ada A. Georgetown, S. C.
Brown, Edward M. Zion, Ky.
Butt, Isaiah J. Washington, N. C.
Cassell, Lewis A. Baltimore, Md.
Coleman, Arthur T. Spottsylvania, Va.
Corthran, Herbert W. Jacksonville, Fla.
Garvin, Walter B. Jacksonville, Fla.

Gooden, Earl L. Parkersburg, W. Va.
Goodloe, Nathan O. Lovejoy, Ill.
Grinnage, Willard T. Philadelphia, Pa.
Holmes, Marie E. Winchester, Pa.
Howard, Charles B. Wilkesbarre, Pa.
Howell, Edward L. Warrington, Ga.
Ingram, William E. Washington, D. C.
Johnson, Clifton L. Mobile, Ala.
Jones, Armel T. Jacksonville, Fla.
Jones, Marjorie L. Florence, Ala.
Luck, Clyde A. Danville, Va.
Milburn, A. Roland Wilmington, Del.
Miller, Ezekiel H. Christiana P. O., Pa.
Morgan, Constantine A. Jamaica, B. W. I.
Mosley, John H. Washington, D. C.
Owen, Robert L. Memphis, Tenn.
Pendleton, Garnett L. Tampa, Fla.
Pinckney, Charles H. New York City, N. Y.
Quick, John H. Rockingham, N. C.
Reid, Herbert Brooklyn, N. Y.
Roberson, Woody M. Dry Fork, Va.
Salinear, Leonard B. Key West, Fla.
Satterwhite, Cavassa J. Washington, D. C.
Simmons, Isaiah F. Elgin, Tex.
Smith, Mamie H. Vineland, N. C.
Smith, V. Ruth New Orleans, La.
Smithers, Charles A. Mt. Winans, Md.
Starks, Eugene F. Eagle Rock, Va.
Targinton, Fannie C. J. Elizabeth City, N. C.
Taylor, Frankie B. Winchester, Ky.
Thomas, Mabel C. Washington, D. C.
Thompson, Elizabeth E. Leesburg, Va.
Washington, George B. Parkersburg, W. Va.
Washington, Victoria L. Charlotte, N. C.
Willis, Coulter P. Alexandria, Va.
Wilson, Harry I. Danville, Va.
Winston, James F. Enfield, Va.
Wooding, S. Garland Hannibal, Mo.
Yancey, Alice E. New York City, N. Y.
Young, Walton W. Washington, D. C.

MIDDLERS.

Baker, Leroy R. Jacksonville, Fla.
Best, George S. Port-of-Spain, B. W. I.
Blount, Louis C. Washington, D. C.
Braswell, Bertie A. Orlando, Fla.
Brown, James W. New York City, N. Y.
Bruce, William A. Philadelphia, Pa.
Burke, Walter S. Portsmouth, Va.

Cannon, Eugene C. Darlington, N. C.
Cannon, J. Payne S. Portsmouth, Va.
Carey, Richard St. Kitts, B. W. I.
Coleman, William C. Colorado Springs, Colo.
Combs, Ellen A. Baltimore, Md.
Connell, Joseph S. Grand Cayman, B. W. I.
Crawley, Ivan J. Wilmington, N. C.
Darbeau, Uriah T. Grenada, B. W. I.
Davis, Ernestine E. Barton, Fla.
Davis, Rosa E. Philadelphia, Pa.
Dyett, Thomas B. D. Montserratt, B. W. I.
Elliott, Carl W. Asbury Park, N. J.
Fletcher, James R. Princeton, N. J.
Flipping, Keffier M. East Radford, Va.
Givings, Noel R. Stony Creek, Va.
Gordon, Eugene F. Hawkinsville, Ga.
Hart, Dean E. Birmingham, Ala.
Heard, Agnes A. Athens, Ga.
Hoffman, Lelia M. Charleston, S. C.
Hypsher, John R. Morristown, Tenn.
Howard, Wioza L. Jacksonville, Texas.
Johnson, Mervin W. Bordentown, N. J.
Johnson, Norman H. Wilkesbarre, Pa.
Johnson, Eugene A. Atlantic City, N. J.
Kirby, Harry W. Trenton, N. J.
Koger, Azzie B. Reidsville, N. C.
Koger, Linwood G. Reidsville, N. C.
Lampton, Cornella D. Greenville, Miss.
Lancaster, Charles O. Sassafras, Va.
Lee, Van D. Raleigh, N. C.
Lemon, Thomas A. Sassafras, Va.
Lowe, John W. Newport News, Va.
McNeill, Oliver W. H. Wilmington, N. C.
Major, Lucy N. Hopkinsville, Ky.
Mercurius, Randolph P. Jamaica, B. W. I.
Middleton, Louis R. Savannah, Ga.
Miner, Uzziah Fay, Dewey County, Okla.
Monroe, Amabel L. Savannah, Ga.
Moore, James H. Elizabeth City N. C.
Murray, Willard H. New Orleans, La.
Mullon, Edward P. New Orleans, La.
Nelson, Cassie B. Richmond, Va.
Nelson, Thomas B. Baltimore, Md.
Powell, William S. Buffalo, N. Y.
Preston, Charles W. Albany, Ga.
Priestley, Edward W. Albany, Ga.
Rahming, Harry E. Providence, R. I.
Ricks, Percy E. Washington, D. C.
Robinson, Adelbert E. Saint Andrew Isl.
Robinson, Robert S. Richmond, Va.

Sheafe, Louis C. Washington, D. C.
Tancil, Leon A. Alexandria, Va
Taylor, Elsie L. Manassas, Va.
Thomas, E. Maline Rochester, N. Y.
Tucker, Jacob T. Warwick, East Bermuda, B W. I.
Ward, Chester A. Charlottesville, Va.
Watkins, Ruth W. Princeton, N. J.
Whitlock, Bernard G. Lynchburg. Va.
Willis, Joseph G. Orange, N. J.
Wimbish, Christopher C. Atlanta, Ga.
Woodward, William S. Rockingham, N. C.
Wyatt, Hattie R. Charlottesville, Va.

SUB-MIDDLERS.

Bassett, Conrad J. Alexandria, La.
Beasley, William L. Washington, D. C.
Blair, James H. Jamaica, B. W. I.
Bohee, Sumner T. Oil City, Pa.
Boisseau, Raymond O. Alexandria, Va.
Boyd, Charles H. Palm Beach, Fla.
Branch, Paul R. Philadelphia, Pa.
Briggs, Charles J. Fairfield, Va.
Brown, James A. Edwards, Miss.
Brown, Spurgeon D. Binn's Hall, Va.
Bugg, Margaret B. Lynchburg, Va.
Burroughs, Harry Newark, N. J.
Colburn, George H. Wilmington, Del.
Carson, Bishop B. Lowndesville, S. C.
Chitester, Mariana Washington, D. C.
Clayton, Clarence G. Chester, Pa.
Clayton, Norma B. Lynchburg, Va.
Colbert, Elvira A. Atlanta, Ga.
Crawford, Waverly L. Alliance, Va.
Creekmur, Cora S. Portsmouth, Va.
Cumberbatch, John Barbados, B. W. I.
Dawson Bruce S. Huntsville, Ala.
Doss, James L. Alexandria, Va.
Fields, Lucius A. Newport News, Va.
Fields, James A., Jr. Newport News, Va.
Finnagan, Walter P. Thomasville, Ga.
Frierson, Fannie F. Waxahachie, Texas.
Fowlkes, Leslie A. Burkeville, Va.
Gilmore, George B. Oil City, Pa.
Goodwin, Amy L. Amherst, Mass.
Gordon, Mamie E. Plainfield, N. J.
Green, Robert H. Norfolk, Va.
Gross, William H. Providence, R. I.
Harris, Patrick J. Wilmington, Del.

Harrison, Odele G. Mobile, Ala.
Hewlett, James Philadelphia, Pa.
Hedgeman, Norman Alexandria, Va.
Irving, Titus A. Charleston, W. Va.
Ivey, Lewis A. Lafayette, Ala.
Jackson, Fannie M. Walkersville, Pa.
James, Gonzala Dela Jacksonville, Fla.
Johnson, Powell Dallas, Texas.
Jones, Thomas C. Tunis, N. C.
Jones, William R. Newbern, N. C.
Jones, Alfred Brooklyn, N. Y.
Jones, Milinda B. Chattanooga, Tenn.
Jones, Mildred A. Savannah, Ga.
Kinckle, John V. Lynchburg, Va.
Lampton, Ethel I. Greenville, Miss.
Lee, James S. Newport News, Va.
Lord, Guy A. St. Paule, Grenada, B. W. I.
McConney, Harry P. Barbados, B. W. I.
McClellan, Marion L. Louisville, Ky.
McDaniel, William H. Washington, D. C.
Murray, Willard H. New Orleans, La.
Nichols, Samuel E. Chicago, Ill.
Nicholson, Harry S. Atlantic City, N. J.
Penn, Irvin G., Jr. Atlanta, Ga.
Perkins, Viola B. Savannah, Ga.
Picou, Alexander A. San Fernanda, Trinidad, B. W. I.
Poole, Imogene Atlanta, Ga.
Ready, Mansfield Wilmington, N. C.
Reid, Yacob S. Washington, D. C.
Riley, John J. Louisville, Ky.
Roberts, Marilla L. Atlantic City, N. J.
Robinson, Lucie B. Manassas, Va.
Scurlock, Maud A. Pinehurst, N. C.
Shackelford, Esther A. Richmond, Ky.
Simms, Archie Alexandria, Va.
Smith, Lillian R. Washington, D. C.
Thompson, Charles M. Columbus, S. C.
Turner, Olander B. Natural Bridge, Va.
Warner, Samuel E. Washington, D. C.
Washington, Carol E. Asheville, N. C.
Whitehurst, John F. Elizabeth City, N. Y.
Wilkins, Clyde B. Griffin, Ga.
Wilkins, Oteele B. Griffin, Ga.
Williams, Luke E. Palmyra, N. C.
Williams, Roberta Washington, D. C.
Wyatt, Marion B. Charlottesville, Va.
Young, Dorothy M. Washington, D. C.

JUNIORS.

Alexander, Eugene R. Bealton, Va.
Allen, Chas. A. Birmingham, Ala.

Anderson, Wm. W. Philadelphia, Pa.
Banks, Cornelia O. Richmond, Va.
Baskerville, James E. Brooklyn, N. Y.
Berry, Mary M. Washington, D. C.
Bradford, Hugh Washington, D. C.
Bradford, Orville Madison, Va.
Bratton, John E. Fairfield, Va.
Briggs, William L. Gloucester Co., Va.
Brokenborough, Philip A. Jersey City, N. J.
Brooks, Estella B. New York City, N. Y.
Brooks, Nathaniel C. New York City, N. Y.
Brooks, Samuel H. Staunton, Va.
Brown, Ashmond H. D. Annapolis, Md.
Brown, Sydney P. Edwards, Miss.
Brown, Theodore A. Lawrenceburg, Va.
Brown, Willie Mae Mt. Sterling, Ky.
Buckner, Clarence W. Bradford Co., Va.
Burnette, John E. Norfolk, Va.
Burton, George Atlantic City, N. J.
Carmon, Harry A. New York City, N. Y.
Carter, Fred D. Reidsville, N. C.
Carr, Julian M. Charlotte, N. C.
Chandler, Harry V. Port Tampa, Fla.
Cools, Gabrial V. Gatun, Canal Zone.
Coles, Bernard A. Charlottesville, Va.
Davenport, Hugh H. Toronto, Ont.
Davis, Leon H. Hampton, Va.
Davis, William F. Antigua, B. W. I.
Dausuel, Sexton A. Horse Show, Henderson, N. C.
Dean, Charles S. Washington, D. C.
Dean, Harry A. Washington, D. C.
Dolphin, Newton A. Boley, Okla.
Drake, Charles Little's Mills, N. C.
Dykes, Anita M. Washington, D. C.
Evans, Grace L. Gloucester, Va.
Fowlkes, Jesse C. Springfield, Ill.
Freeman, Thomas J. Chattanooga, Tenn.
Gaillard, Thomas H. B. Mobile, Ala.
Gantt, Edward A. Washington, D. C.
Grier, Pearl Due West, S. C.
Grieves, Miller J. New York City, N. Y.
Hardin, Roberta E. Chicago, Ill.
Harry, Edmund V. Kingston, Jamaica, B. W. I.
Harrison, Catherine S. Winnipeg, Canada.
Hancock, Lillian W. Clinton, Iowa.
Hayling, William H. St. George Grenada, B. W. I.
Howard, Raymond A. St. Andrews, S. A.
Howard, Wioza L. Jacksonville, Texas.
Hunton, Benj. H. St. Paul, Minn.
Jackson, Charles S. Charlottesville, Va.
Jenkins, Irene St. Louis, Mo.

Johnson, Ruth H. Springfield, Mass.
Jordan, Pinckney Dallas, Texas.
Jones, Bessie P. Paterson, N. J.
Jones, Edward Brooklyn, N. Y.
Kennedy, Deborah Centerville, Md.
Lane, Julia F. Santford, N. C.
Lattimer, Burton R. Wanuiton, Ga.
Lawson, Walter E. Roanoke, Va.
Lewis, Ephraim B. Carmel, Jamaica, B. W. I.
Lucas, Last B. Rocky Mt., N. C.
McAlister, Henry A. Fayetteville, N. C.
McCormick, Thos. H. Baltimore, Md.
McLeod, Osmond J. Frankfield, Jamaica, B W. I.
McCullough, Alma C. Charlotte, N. C.
Maddux, Walter M. Montclair, N. J.
Mallory, Sadie D. Locust Dale, Va.
Matthews, James E. Gettysburg, Pa.
Mattocks, David D. Philadelphia, Pa.
May, Ethel I. Bronxville, N. Y.
Mayfield, Florence M. Frankelton, N. C.
Melendez, Clotilda O. San Juan, P. R.
Mickey, Bushrod Washington, D. C.
Miller, Ernest E. Ronceverte, W. Va.
Moates, Romayne Leavenworth, Kans.
Montrose, George P. Rosean Dominia, B. W. I.
Murray, James E. Charlottesville, Va.
Murray, Roscoe C. Charlottesville, Va.
Neal, Spurgeon D. Salem, N. C.
Nesbit, Marian A. Chicago, Ill.
Nichols, Daisy Wilmington, Del.
Norflett, John C. Warrenton, Ga.
Pannell, Wilbur P. Staunton, Va.
Parker, Henry S. Independence, Mo.
Parks, Cyril A. St. Augustine, Fla.
Perry, Gertrude Evanston, Ill.
Peters, Claude L. Newark, N. J.
Peterson, Holquina St. Andrews, Rep. Columbia.
Peviehouse, Florence Washington, D. C.
Plummer, Harry V. Hitchinson, Kans.
Poore, Leonard L. Concord Depot, Va.
Portlock, Louis H. Norfolk, Va.
Procter, Ruth E. Washington, D. C.
Rattley, Josie M. Danville, Va.
Register, Halwood D. Pensacola, Fla.
Reid, Harry W. Lynchburg, Va.
Richardson, Wilma L. Washington, D. C.
Rideout, George Alexandria, Va.
Rosser, James Phoenix, Arizona.
Rudd, Edward P. Plainfield, N. J.
Ruffin, John H. Williamston, N. C.
Salinear, Royal New York City, N. Y.

Scott, Llewellyn C.....Cismont, Va.
Spencer, Bibb Carrollton, Ala.
Spriggs, Ethel Washington, D. C.
Sprague, Owen C.....Fairmont Heights, Md.
Stephens, Charles S.....Steelton, Pa.
Stephens, Moses E.....San Louis, St. Andrews, S. A.
Stowe, Arnold E. Flatts Village, Bermuda.
Strange, Bernard R.....Philadelphia, Pa.
Surcey, Charles Jacksonville, Fla.
Taitt, John Brooklyn, N. Y.
Taylor, Albert S. Washington, D. C
Thomas, William E.....Fairmont Heights, Md.
Tucker, Lottie C.....Norwich, Bermuda, B. W. I.
Turner, Olander B.....Natural Bridge, Va.
Waites, George St. Louis. Mo.
Walker, Blanche Phoebus, Va.
Walton, George Robertson, Texas.
White, Chauncey D. Mathews, Va.
Williams, Wyoming Thomasville, Fla.
Williams, Alva D.....Eufaula, Ala.
Wilson, Jehu Jacksonville, Fla.
Winters, Oliver G. Atlantic City, N. J.
Wormley, Wilbert Toppings, Va.
Young, William H.....Washington, D. C.

UNCLASSIFIED.

Abdullah, Malgane (Col. A. & S.).....Skan, Tannsa, East India.
Botts, John M.....Washington, D. C.
Brown, Madge (T. Col.).....Montgomery, Ala.
Bunn, Roger E. (Col. A. & S.).....Goldsboro, N. C.
Caldwell, Daisie L.....Philadelphia, Pa.
Calloway, Virginia L.....Washington, D. C.
Champion, A. F. (Sch. of Theology).....Jacksonville, Fla.
Coffee, Elizabeth R. (T. Col.).....Florence, Ala.
Compton, Eugene (Sch. of Med.).....Washington, D. C.
Cooper, Edward L. (Com. Col.).....Jefferson, Ala.
Delainey, William Y. D. (Sch. of Theology).....Philadelphia, Pa.
Dobey, Lewis Magnolia, Ala.
Frisby, Clarence W. (Sch. of Theology).....Cannonsburg, Miss.
Gibson, Sophie (Com. Col.).....Peoria, Ill.
Hackett, Robert, Jr. (Col. A. & S.).....Baltimore, Md.
Homer, Joseph C., Jr. (Sch. of Theology).....Baltimore, Md.
Hill, Edmund, Jr. Alexandria, Va.
Holder, Hafford (Sch. of Theology)..Georgetown, Demerara, S. A.
Hubbard, Katherine Denver, Colo.
Hunt, Raymond H. (Sch. of Med.).....Baltimore, Md.
Ivey, Hattie (Com. Col.).....Drewryville, Va.
Jackson, Burkie (Com. Col.).....Birmingham, Ala.
Jackson, Andrew (Sch. of Theology).....Birmingham, Ala.
Jones, Thomas C. (Sch. of Theology).....Enfield, N. C.

Jordan, Walter J. (T. Col.) Richland, Ga.
Kent, LaBelle Rochester, N. Y.
King, Estelle (Library School) Lagrange, Ga.
Lee, Helen E. C. (T. Col.) Philadelphia, Pa.
Lewis, Bernice B. (T. Col.) Charleston, S. C.
Mason, Charles H. (T. Col.) Portsmouth, Ohio.
Monholland, Vera (T. Col.) Kansas City, Mo.
Mosley, William H. Decatur, Ala.
Perry, Henry A. (Sch. of Theology) Tuskegee, Ala.
Pizarro, Ressy Anselmo Bayamon, Porto Rico.
Pollard, Benj. G. (Sch. of Law) Georgetown, Demerara, B. G.
Porter, Virgie M. (Col. A. & S.) Washington, D. C.
Purvis, Isaiah D. Brooklyn, N. Y.
Ramsey, William H. (Col. A. & S.) Memphis, Tenn.
Reed, Chester A. (Com. Col.) Birmingham, Ala.
Robinson, Mayme E. (T. Col.) Richmond, Va.
Scott, Ada J. Spotsylvania, Va.
Scott, Mabel (Com. Col.) Washington, D. C.
Simpson, Clay E. Natasulga, Ala.
Stipes, Lucile (Com. Col.) Chattanooga, Tenn.
Swanston, Ernest (Sch. of Theology) Nevis, B. W. I.
Thomas, A. B. (T. Col.) Chicago, Ill.
Thomas, Lena M. (T. Col.) Bellefonte, Pa.
Turner, Alice P. (T. Col.) Boston, Mass.
Walker, Verona (T. Col.) Washington, D. C.
Walker, Alexander (Sch. of Theology) Brooklyn, N. Y.
Webb, Haywood (T. Col.) Preston, Md.
Williams, Lawrence (Sch. of Theology) Stephen City, Va.
Winters, Cora Washington, D. C.
Woodford, Charles M. (Col. A. & S.) Berwyn, Md.

SUMMARY.

Seniors	47
Middlers	69
Sub-Middlers	81
Juniors	129
Unclassified	54
Total	380

THE COMMERCIAL COLLEGE.

FOURTH YEAR STUDENTS.

Avery, Richard Nyack, N. Y.
Kendall, Nelson British Guiana, S. A.
Thompson, William H. Philadelphia, Pa.
Wells, David E. Belleville, N. J.

THIRD YEAR STUDENTS.

Addison, Augustus M.....Port Gibson, Miss.
Bradley, Roland W.....Louisville, Ky.
Brice, George Annapolis, Md.
Bush, Aldridge E.....Little Rock, Ark.
Christopher, Esther U.....Washington, D. C.
Clements, Inez I.....Petersburg, Va.
Dickson, Kate L.....Atlanta, Ga.
Duncan, Alma Greenville, S. C.
Eazelle, Albert Ellisville, Miss.
Gibson, Sophia J.....Peoria, Ill.
Hardwick, Henry L.....Albany, Ga.
Jones, Horace S. Pine Bluff, Ark.
Marchant, Ethel S. Washington C. H., O.
Merchant, Flossie Pittsburg, Pa.
Patience, Chester D.....West Pittston, Pa.
Robinson, Robert Washington, D. C.
Scott, Mabel S.....Washington, D. C.
Sims, Peola C.....Covington, Tenn.
Sykes, Frank J.....Decatur, Ala.
Sykes, Leo N.....Decatur, Ala.
Wright, James W.....Denton, Md.
Washington, Irwin J.....Beaufort, S. C.
Walton, DeWitt Boston, Ga.
Williams, Ira W.....Philadelphia, Pa.

SECOND YEAR STUDENTS.

Buckner, Clarence W.....Bedford County, Va.
Chappelle, Helen E.....Washington, D. C.
Dunlop, LeRoy Moorestown, N. J.
Dobbins, Garrette C.....Teague, Texas.
Eberhardt, Thomas Chattanooga, Tenn.
Franklin, Abbie L.....Rochester, N. Y.
Fridie, Edmund Bell.....Charleston, S. C.
Gary, Roger T. Evansville, Ind.
Girod, Charles A. Panama.
Hamilton, Edward C.....Henderson, N. C.
Harrod, Irwin J. L.....Steelton, Pa.
Jackson, Lena Fairmont, W. Va.
Lofton, George Jacksonville, Fla.
Medley, Carrie A.....Washington, D. C.
Rhodes, William Sandusky, Ohio.
Richardson, James Boston, Ga.
Shaffer, John S.....Cedar Bluff, Miss.
Stuart, Claude Rodney, Miss.
Scott, Miriam Washington, D. C.
Thomas, Mary E.....Tenleytown, D. C.
Traeye, Harry A.....Fernandina, Fla.
Yancy, Rosalind Pittsburg, Pa.

FIRST YEAR STUDENTS.

Blackmon, Clarence W.....Goldsboro, N. C.
Buckner, William H.....Memphis, Tenn.
Boardley, Lillian B.....Baltimore, Md.
Brooks, Clara Warren, Va.
Davis, Leon Hampton, Va.
Fortune, William L.....Harrisburg, Pa.
Foster, Obadiah Tuscaloosa, Ala.
Forbes, Frank L.....Philadelphia, Pa.
Gary, Walter Nashville, Tenn.
Holland, Mary Washington, D. C.
Johnson, Claude Mobile, Ala.
Jackson, Gladys Pittsburg, Pa.
Jones, Bessie Jackson, Miss.
Jones, Malinda Chattanooga, Tenn.
Lemonds, Paul Ansonia, N. C.
Mason, Rachel Luray, Va.
Miller, Harriette Round Lake, Miss.
Pinkett, Charles K.....Luray, Va.
Parks, Cyril A.....St. Augustine, Fla.
Roane, Malvin Washington, D. C.
Rosser, James T.....Phoenix, Ark.
Russell, George B.....Norfolk, Va.
Smith, Walter D.....New York City, N. Y.
Stannard, Edward L.....Richmond, Va.
Sterrette, Adolph Baltimore, Md.
Speight, Lula Chattanooga, Tenn.
Simpson, Clay E.....Natasula, Ala.
Thompson, James Jacksonville, Fla.
Walker, Thomas S.....Rochester, N. Y.
Williston, Sydney Washington, D. C.
Williams, Rosa.....Brooklyn, N. Y.
Williams, Wyoming Thomasville, Ga.
Williamson, Dakota R.....Danville, Va.

SPECIAL STUDENTS.

Addison, Evelyn R. Washington, D. C.
Allen, Charles E. Birmingham, Ala.
Burke, Lillian Washington, D. C.
Brooks, Estelle New York City, N. Y.
Brown, Madge M.....Montgomery, Ala.
Chandler, Edward Ocala, Fla.
Coffey, Elizabeth Florence, Ala.
Cooper, Richard Birmingham, Ala.
Fitzpatrick, Frank L.....Philadelphia, Pa.
George, Clayborne Surry C. H., Va.
Hubbard, Kathryn Denver, Colo.
Ivey, Hattie Drewryville, Va.
Jackson, Burkie Birmingham, Ala.
Jefferson, Daisy S. B.....Kellyton, Ala.

Jones, Mishael Oakland, Cal.
King, Estelle La Grange, Ga.
Lewis, Bernice Charleston, S. C.
Moseley, Herbert Decatur, Ala.
Massie, James A. Xenia, O.
Pool, Whitlock Atlanta, Ga.
Quander, Nellie Washington, D. C.
Reed, Chester A. Columbus, Ga.
Rattley, Josie Danville, Va.
Robinson, Mayme E. Richmond, Va.
Shaw, Lillian Dallas, Texas.
Smith, Alonzo New York City, N. Y.
Stripes, Lucile B. Chattanooga, Tenn.

SUMMARY.

Fourth Year	4
Third Year	24
Second Year	22
First Year	33
Special Students	27
	110

REPRESENTATION BY STATES AND FOREIGN COUNTRIES.

Alabama	53
Arkansas	15
Arizona	1
California	2
Colorado	6
Connecticut	6
Delaware	10
District of Columbia	286
Florida	42
Georgia	62
Illinois	16
Indiana	3
Iowa	2
Kansas	3
Kentucky	31
Louisiana	15
Maryland	75
Massachusetts	9
Michigan	3
Minnesota	3
Mississippi	29
Missouri	24
Nebraska	1
New Jersey	52
New York	41

North Carolina	76
North Dakota	2
Ohio	25
Oklahoma	6
Pennsylvania	90
Rhode Island	7
South Carolina	46
Tennessee	28
Texas	65
Virginia	185
West Virginia	25
Wyoming	1
Canada	6
Cuba	1
British West Indies	72
East India	1
Panama	2
Porto Rico	11
Saint Andrew Island	1
South Africa	1
South America	12
	1,453

GENERAL SUMMARY.

College of Arts and Sciences	303
Teachers College	175
Conservatory of Music	88
Library School	2
School of Theology	108
School of Medicine	291
School of Law	105
Academy	380
Commercial College	110
Total	1,562
Names duplicated because of students taking special courses in different departments..	109
Correct Total	1,453
Correspondence students (not printed in enrollment)	37

GENERAL ALUMNI ASSOCIATION OF HOWARD UNIVERSITY

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Dr. W. A. Sinclair
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Dr. W. M. Slowe
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The Association stands for the interest of the University and its Alumni. All graduates of Howard University are eligible to membership. The entrance fee is $1.00 paid once only. The annual dues are 25 cents payable to the Secretary at or before the Reunion each year. The Annual Reunion followed by the Alumni Dinner occurs on Commencement Day. These meetings in recent years have been largely attended and have been productive of good fellowship and practical results both to the University and to the Alumni.

All Alumni, whether members of the Association or not, whose addresses have been changed within the past six years are requested to send at once correct addresses to the Secretary, George F. Collins, 494 Louisiana Ave. N. W., Washington, D. C., in order that the Alumni lists may be brought up to date and made as complete as possible. Alumni also requested to keep the Secretary informed of change of address, decease of members, etc.

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Philadelphia—Hon. George H. White, *President*
Baltimore—W. Ashbie Hawkins, Esq., *President*
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St. Louis—....., *President*
Chicago—Dr. J. W. McDowell, *President*
Louisville—....., *President*
Denver—Geo. G. Ross, *President*
Lynchburg—Mrs. Lelia Perkins-Mozee, *President*
Muskogee—O. Benj. Jefferson, *President*
Wheeling—E. J. Graham, Jr., *President*
Huntington—C. H. Tavernier *President*

THE WEST INDIAN ASSOCIATION

In view of the large number of students from the West Indies in the several departments of the University, an association has been formed with the following objects: First, to promote association and mutual interest among its members; Second, to render assistance to members in cases of necessity; Third, to plan for lectures, debates, etc., for the culture and entertainment of the members. The officers are as follows: President, Rev. D. E. Wiseman, D. D.; Vice-President, Rev. J. C. Van Loo, B. D.; Secretary, George M. Overton; Treasurer, Rev. A. W. C. Collier. The matrons include the President and Deans of the University.

TRAINING SCHOOL FOR NURSES

There is a Training School for nurses in connection with Freedmen's Hospital, over which the University has no jurisdiction. For information and application blanks, address Surgeon-in-Chief, Freedmen's Hospital, Washington, D. C.

FORM OF BEQUEST

I give and devise to the trustees of Howard University, Washington, D. C., the sum of dollars, payable

(Signed)

Date.....

PRELIMINARY BLANK

To be filled out by one desiring to enter any department of Howard University.

Before filling out this blank, the applicant will please read carefully "Requirements for Admission" to the several departments.

1. Date of application.....191...

2. Name

3. Age

4. Post Office address

5. What school did you last attend?.....

6. Did you graduate?

7. If not, what class did you finish?

8. In what year did your work there close?

9. Put a cross after the department you wish to enter in Howard University.

Academic Departments	Professional Departments
1. College of Arts and Sciences	1. Conservatory of Music
2. Teachers College	2. Library School
3. Academy	3. School of Theology
4. Commercial College	4. Medical College
5. School of Manual Arts and Applied Sciences	5. Dental College
	6. Pharmaceutical College
	7. School of Law

After filling out the blank, the applicant should send it to

THE REGISTRAR, HOWARD UNIVERSITY,
WASHINGTON, D. C.

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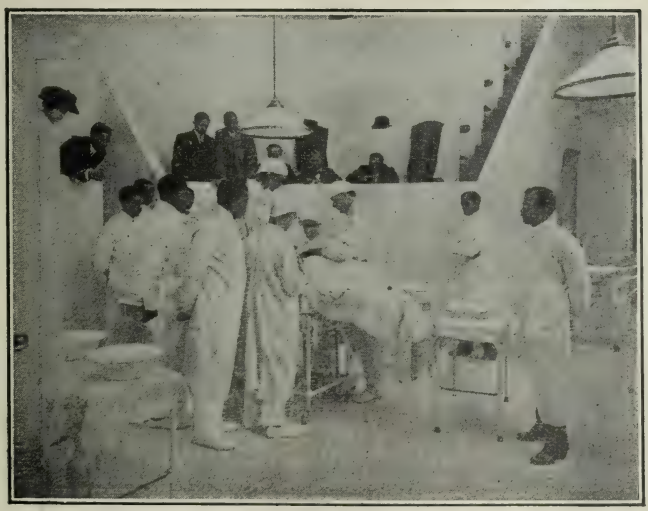
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Laboratory—School of Medicine—Physiology



Clinic—Amphitheatre, Freedmen's Hospital



Proposed Buildings of the School of Medicine

Bird's-Eye View of Grounds and Buildings—Howard University



Rankin Memorial Chapel Used for Daily Chapel, Sunday Vespers and Lectures



The Carnegie Library



Laboratory—School of Medicine—Bacteriology



University Choir Entering Rankin Memorial Chapel



Interior View—Carnegie Library



The Medical Building



Laboratory—School of Medicine—Physiology



Manual Arts—Woodworking



Thirkield Hall



Class in Physics



Hall of Applied Sciences and Industrial Arts



Clinic—Amphitheatre, Freedmen's Hospital



Main Building



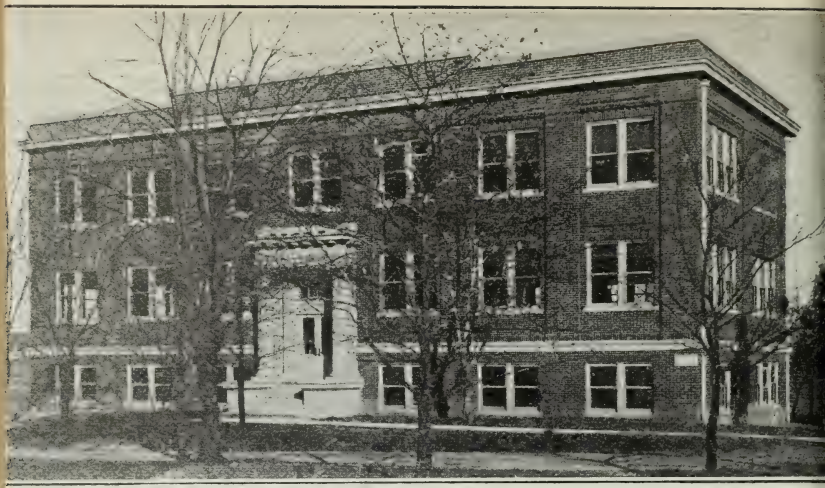
A Corner in the Gymnasium



One of the Laboratories—Chemistry



Avenue, South Border of Campus, Leading to President's House



Hall of Applied Sciences and Industrial Arts



Avenue, South Border of Campus, Leading to President's House

Vol. VIII March, 1914 No. 2

HOWARD UNIVERSITY RECORD

CATALOGUE

HOWARD UNIVERSITY

1913-1914

WASHINGTON, D. C.

HOWARD UNIVERSITY RECORD, Published by Howard University in January, March, June, November and December. Subscription price, one year, twenty-five cents. Entered as second-class matter January 17, 1914, at the Post Office at Washington, D. C., under the Act of August 24, 1912.

1914

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CALENDAR

1914

April 10 to 13, inclusive.....Easter Recess
May 25 to 30 Final Examinations
May 28, Thursday, 10 a. m...Alumni Reunion, School of Theology
3 p. m...Class Day, School of Liberal Arts and Professional Schools
8 p. m...Graduation Exercises, School of Theology
May 31, Sunday, 4 p. m.....Baccalaureate Sermon
June 1, Monday.....Class Day of the Normal Training Classes, the Commercial College and the Academy
8 p. m.....Graduation Exercises of the Normal Training Classes, the Commercial College and the Academy
June 2, Tuesday, 3 p. m.....Annual Meeting of the Board of Trustees
June 3, Wednesday, 10 a. m...Annual Meeting of the Alumni Association
1 p. m...Alumni Luncheon, Main Hall
4 p. m...COMMENCEMENT
June 4 to Sept. 30.....Summer Vacation
September 29 Registration Day
September 30 The First Semester opens in the School of Liberal Arts, the Schools of Theology, Medicine, Law, the Commercial College and the Academy
November 26 to Nov. 29, inc..Thanksgiving Recess for Academic Departments
December 24 to Jan. 4, inc....Christmas Recess

1915

January 25 to Jan. 30.....Semi-annual Examinations
January 30.....First Semester ends
February 1.....Second Semester begins
February 5.....Semi-Annual Meeting of the Board of Trustees
February 22 Washington's Birthday
April 2 to 5, inc.....Easter Recess
May 24 to 29.....Final Examinations
June 2 COMMENCEMENT

THE BOARD OF TRUSTEES

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STEPHEN M. NEWMAN, A. M., D. D., President of University
GEORGE W. COOK, LL. M., Secretary and Business Manager
EDWARD L. PARKS, D. D., Treasurer and Registrar

Term Expires 1914

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Term Expires 1915

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Rev. STEPHEN M. NEWMAN, D. D.*Washington, D. C.*
Ex-Chief Justice STANTON J. PEELLE, LL. D.*Washington, D. C.*
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Rev. CHARLES WOOD, D. D.....*Washington, D. C.*

Term Expires 1916

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WILLIAM V. COX, A. B.*Washington, D. C.*
Rev. FRANCIS J. GRIMKE, D. D.....*Washington, D. C.*
Mr. HENRY E. PELLEW.....*Washington, D. C.*
Mr. CUNO H. RUDOLPH.....*Washington, D. C.*
WILLIAM A. SINCLAIR, M. D.....*Philadelphia, Pa.*
BOOKER T. WASHINGTON, LL. D.....*Tuskegee, Ala.*

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GENERAL INFORMATION

ORGANIZATION

The charter of Howard University, dated March 2, 1867, provides for "a university for the education of youth in the liberal arts and sciences." While special provision was made for the higher education of the Negro, no race was excluded, and North American Indians, Chinese, Japanese and Europeans of several nationalities, besides American citizens, have in the past been found in the several departments, being especially attracted by the superior advantages in the professional schools.

The University has had a line of distinguished presidents during the past forty years, among whom may be named the Rev. Byron Sunderland, D. D., General O. O. Howard, LL. D., the Rev. William Weston Patton, D. D., LL. D., and the Rev. Jeremiah Eames Rankin, D. D., LL. D. The united terms of the two latter cover twenty-seven years (1876-1903) of service.

LOCATION

Howard University is in the Capital of the Nation. The campus of twenty acres comprises the highest elevation in the northwest section, which is the most attractive portion of the city. The Reservoir Lake, a beautiful sheet of water, borders the campus on the east. The grounds of the National Soldiers' Home furnish a charming park at the northeast. Immediately adjoining the campus on the south are the new Freedmen's Hospital buildings, erected on a wooded tract of eleven acres, leased by the University to the Government. Beautiful shade trees adorn the campus and the long avenues suggest the traditional walks and academic groves which add so much to historic institutions of learning. Georgia Avenue, the extension of Seventh Street, one of the principal thoroughfares of the District, is at the foot of Howard Place, on the west. From the University Hill the Capitol, Congressional Library, the Washington Monument and the Potomac River are in clear view.

WASHINGTON A UNIVERSITY CITY

The museums and libraries supported by the general government of the United States, together with similar institutions belonging to the City of Washington, present advantages unsurpassed by those of any other city in the land, if not in the entire world. The Library of Congress, with its immense and constantly increasing collection of books; the Smithsonian Institution and National Museum, with their innumerable specimens of all kinds gathered from all parts of the earth; the Bureau of Education, with its extensive library; the Bureau of Fisheries, with its aquaria; the Botanical Garden, with numerous greenhouses well stocked with living plants; the Army Medical Museum, containing extensive collections and the largest medical library in the world; the Naval Observatory, with its unexcelled equipment for astronomical work—all these and many others are easily reached and may be freely visited. By authority of Congress all governmental collections, together with facilities for research and illustration, are made accessible to students of the institutions of higher learning in the District of Columbia.

The Carnegie Library and the Corcoran Art Gallery, although not belonging to the Government, are nevertheless free to all under the ordinary restrictions applying to such organizations.

Washington has well been called a university in itself. To live in such an atmosphere is a liberal education to an eager, receptive mind.

BUILDINGS AND GROUNDS

THE UNIVERSITY BUILDINGS

The University buildings are all located on the main campus with the exception of the Law School building, which is on Judiciary Square. They are heated with steam and lighted by electricity. They are in charge of a superintendent of buildings and grounds and a competent engineer, with several assistants. Pains are taken to keep the building always in a sanitary condition, and the healthfulness of the campus and surroundings is attested by the fact that no disease has ever become epidemic in the institution, and there has never been on the grounds a death from typhoid.

THE MAIN HALL

The main building crowns the summit of the hill at a height of 185 feet above the Potomac River, and can be seen from all sections

of the city. In length it is 184 feet, and it has extreme breadth of 95 feet. It is four stories in height, with a commanding tower from which one of the finest panoramic views of the city and district is presented. It is devoted to public uses exclusively, and contains recitation and lecture rooms, besides the offices of the Secretary and of the Treasurer.

CLARK HALL

Clark Hall, the dormitory for young men, at the north end of the campus, is four stories in height above a high basement, and is 170 feet long and 44 feet broad. It furnishes accommodations for 200 students. It was named after David Clark, Esq., of Hartford, Conn., who, early in the history of the University, contributed to its funds $25,000.

MINER HALL

Miner Hall, 220 feet long by 36 feet broad, stands on the east of the University quadrangle facing the Reservoir Lake, and furnishes an attractive home for young women. It is four stories in height, the basement story containing the dining-rooms, with an outside entrance for young men. The rooms are arranged in suites, with accommodations for two or three girls each. The young ladies are under the charge of a competent and cultured preceptress. The building is also provided with a reception parlor, music and sewing-rooms, and no effort is spared to give it a home-like atmosphere and to make it a center of intellectual and moral culture for the young women.

BUILDING OF MANUAL ARTS AND APPLIED SCIENCES

The Hall of Manual Arts and Applied Sciences is of brick with reenforced concrete floors, and is 100 by 40 feet, and three stories high. The basement is occupied by engineering laboratories; the second floor by the department of woodworking; and the third floor is given up to large lecture rooms, the domestic arts department, a drafting room and domestic science laboratories.

THE MEDICAL BUILDING

The Medical School building is a large structure of four stories and basement. It contains the lecture-rooms and the anatomic, physiologic, chemic, histologic, bacteriologic, pathologic, dental and pharmacal laboratories. It is well supplied with apparatus and materials for

illustration. The laboratories are modern and thoroughly equipped. The amphitheatre accommodates several hundred. It has a fine location within a few steps of the Freedmen's Hospital.

THE MEMORIAL CHAPEL

The Rankin Memorial Chapel stands at the entrance to the University grounds, and is a fine example of the English Gothic. It is of brick and brownstone, covered with a tile of slate roof. The ivy that almost completely covers the building adds much to its attractiveness. The north end is illuminated by a superb triple ornamental window, representing the Landing of the Pilgrims, the House at Scrooby and the City of Leyden, Holland, placed in memory of Deacon S. H. Stickney, of Baltimore. At the south end is the stained glass window of Sir Galahad, erected by teachers and students in memory of the late Professor Charles Chauveau Cook. The Chapel stands as a memorial to Andrew E. Rankin, the brother of the late President Rankin, and the deceased husband of a generous donor, Mrs. H. T. Cushman, of Boston. Anniversaries, University lectures, daily chapel and vesper services are held here. A number of busts and oil paintings of distinguished friends of the University adorn the platform.

THE LAW BUILDING

The Law School building is situated on Judiciary Square, with the Court Houses and courts contiguous. Besides the offices of the school, it contains the large William M. Evarts lecture-hall, built in chapel form, two stories high, and extensive libraries of the school.

THE CARNEGIE LIBRARY

The new Carnegie Library, which fronts on the campus, is over 100 feet long and 35 feet deep, not including the projection of the stack room. The design of the building is classic.

It is capable of holding from sixty to seventy thousand books. Two-thirds of these will eventually be placed in the stack, which is in four tiers, made entirely of steel and glass, with movable shelves. This portion of the building is fireproof and is cut off from the rest of the building.

On the first floor, the two reading-rooms open widely off the circulating-room. An open gallery runs around the second floor. On this floor are the special reading-room of the School of Medicine. Board

room, the offices of the President of the University, and two seminar rooms. In the basement is a good-sized assembly room and an excellent newspaper room.

The Library is designed for general reference and study in all departments; it also aims to supply the students with good reading. It is open during the term, on week days from 8.00 a. m. to 8.30 p. m. The Medical Room is open until 10 p. m.

There are in the collection 24,825 bound volumes and about 19,000 pamphlets—this number including the valuable Lewis Tappan collection, the George B. Cheever general library, and the theological library. The library is constantly being increased by purchases and gifts. About five thousand dollars are expended annually in purchases and administration. The reading-rooms are provided with 125 of the leading American, English, French and German periodicals, reviews of science, music and general literature.

The School of Law has a branch library at the Law Building on Fifth Street. This contains 3,200 principal text-books, legal reports, etc., and 200 pamphlets. This library is open during the school year at suitable hours during the day and evening.

A branch library is being established in the Medical Building for the students of that department.

THIRKIELD HALL

Thirkield Hall is an imposing fireproof structure combining beauty and symmetry of form with the most modern ideas of equipment and general arrangement of scientific departments. The walls are of brick with terra cotta and stone trimmings. The interior construction is of steel and re-enforced concrete.

The basement contains a large electrical engineering laboratory, storage battery room, assay room, skeleton room, private and biological laboratories, and storage rooms. The first floor is devoted entirely to biology, the second to physics. The third floor is occupied by the department of chemistry. On this floor is a large, well lighted auditorium, seating about 225 students, available for class work and scientific lectures. Over $10,000 has been spent in equipment.

SPECIAL ADVANTAGES

LITERARY AND MUSICAL

The location of the University, in the Capital of the Nation, gives students of all departments unusual opportunities for general culture

and that larger outlook upon life gained through lectures, concerts and entertainments of an elevating character. On the floors of the Senate and House of Representatives, leaders in national thought and statesmanship may be heard on vital questions before the country. The lecture platform of the city is unsurpassed—many lectures being free and open to all. The University furnishes, on an average, twice a month, lectures of a high order. A number of these are illustrated by stereopticon views.

Here, also, may be heard the great orchestras from several cities and the musical celebrities of all lands. Superior facilities for musical cultivation are offered to the students of all departments. In addition to the individual instruction in vocal and instrumental music, there are various classes open to all where careful training is given. A large vested choir of about fifty voices is maintained. There is also a Young Men's Glee Club, an orchestra and a brass band, in which organizations careful musical drill is given. A large body of students also makes possible a great oratorio chorus that has given Mendelssohn's "Elijah," and Händel's "Messiah." A Conservatory of Music has been established in which, under the supervision of the University authorities, the finest musical advantages may be secured.

LITERARY SOCIETIES

The University maintains in its several departments six literary societies and debating clubs which, through exercises, debates, oratorical contests and renditions of choice dramas, provide for the student a training the value of which cannot be overestimated.

The Alpha Phi Literary Society, open to members of the colleges and professional departments, has served well in bringing out the powers of quick and accurate thinking, correct expression and impromptu speaking. It holds annually a public oratorical contest, at which a gold medal is awarded.

The Kappa Sigma Debating Club is composed of the students of the School of Liberal Arts. Its purpose is to foster inter-collegiate debating and to develop ready and useful speakers. The Club holds an annual debate, which is looked forward to with a great deal of interest and enthusiasm. On this occasion two valuable prizes are awarded.

The Young Ladies' Culture Club is maintained by the young ladies of Miner Hall, who receive excellent training through its literary and dramatic exercises.

The Pestalozzi-Froebel Society is an organization of the Teachers College. Its work, while conducted by the students themselves, is carefully supervised by the faculty, participation in its exercises being made compulsory. It undertakes each year one or more dramas or public literary exercises.

The Theological Literary Society, fostered by the School of Theology and carefully supervised by its faculty, discusses topics in the field not only of religion, but also of sociology and practical life. Its Maynard Prize Debate, held annually, is an event of much interest.

The Eureka Society, a literary organization of the Academy, gives training in the elements of parliamentary practice and debating. It lays the foundation for work in the other societies. Its Mock Congress gives abundant opportunity for the study of present-day political questions.

There are also the Classical Club, Der Deutsche Verein, and the Dramatic Club.

RELIGION AND MORALS

The charter contains no religious test or limitation. The University, however, is distinctly Christian in its spirit and work, and a high moral atmosphere is maintained. It is not denominational, and its students are drawn from all the churches, including the Roman Catholic. The President conducts daily prayers in the chapel, which students are required to attend, and preaches at vespers every Sunday afternoon. Bible classes, taught by deans or professors, are maintained on Sunday morning. A general prayer service is held every Tuesday evening. The Preceptress leads every morning a devotional service for the young women rooming in Miner Hall. Students attend the churches of their choice in the city, and many of them engage actively in religious and philanthropic work in social settlement and other philanthropic organizations.

YOUNG MEN'S CHRISTIAN ASSOCIATION

The Young Men's Christian Association is composed of earnest young men, devoting a portion of their time to quickening the religious spirit of the University. Joseph G. Logan, Ph. B., a graduate of Howard class of 1905, is employed by the University as secretary of the Association, and gives the greater portion of his time to its work. Under his supervision plans for this year are being made to take an active part in religious work in the city.

The Association conducts weekly devotional meetings and several Bible study groups, under the supervision of competent leaders, for the purpose of enlarging the student's knowledge of biblical and spiritual truths, and of his appropriating them in religious life and work.

It also takes special interest in the supplying of employment for needy students. All new students should report to the Secretary as soon as possible after arrival at the University, in order that they may receive whatever assistance is necessary for their comfort and welfare. Any new student may write the Secretary of the Y. M. C. A., stating the time of his arrival and the road, and he will be met at the station by a member of the New Student Committee.

YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The Young Women's Christian Association is devoted to the development of Christian character in its members, and the prosecution of active Christian work among the young women of the institution.

HEALTH AND MEDICAL EXAMINATION

The health of students in the University is given first consideration. The elevated location and perfect drainage of the campus are all that could be desired. The reservoir and parks on the east and north, which the dormitories overlook, with their smooth boulevards and walks, give ample opportunity for healthful exercise. Sickness among the students is rare. No death from contagious disease has ever occurred here. Health, strength and symmetrical development are encouraged. Occasional talks on hygiene are given.

ATHLETICS

General supervision of athletic sports is vested in the Athletic Council. This body is composed of members of the faculty, alumni and undergraduate students. It has jurisdiction over all athletic matters, as well as general oversight of the deportment and scholarship of the members of the several teams. There is a large athletic field, upon which the students engage in all out-door exercises, such as football, baseball, cricket and field events. The track is about one-fifth mile in length, and has a 120-yard straight-away. The grandstand runs parallel to the straight-away, thus giving a good view of the start and finish of races.

Candidates for places on the various athletic teams will be required to take a physical examination and give evidence of fitness by making

strength tests. Students not candidates for teams will be required to take a physical examination for the purpose of ascertaining defects which may be overcome by corrective physical training.

PRIZES

PRIZES OFFERED BY THE COUNCIL OF UPPER CLASSMEN

The following prizes are available through the Council of Upper classmen, and will be awarded annually: 1. A prize of five dollars to the student of the Freshman class of the School of Law who makes the best argument at the annual open session of the Blackstone Club. 2. A prize of five dollars to a student of the Junior or Senior class of the School of Liberal Arts for excellency in English. 3. A gold medal, worth not less than five dollars, to that student of the Senior class of the School of Law, who, by vote of the Faculty, shows the greatest proficiency in Constitutional Law.

J. EDWARD BARRY PRIZE IN PUBLIC READING

Honorable J. Edward Barry, Mayor of Cambridge, Massachusetts, offers a prize of ten dollars for excellence in Public Reading.

PRIZE IN ORATORY

A good friend in Boston, Massachusetts, offers a prize of ten dollars for excellence in Oratory.

PRIZE IN LITERATURE

There will be a prize of ten dollars for the best essay upon an assigned subject in literature.

WELFORD R. WILSON PRIZE

An annual prize of five dollars is given for excellence in Political Science. This prize is established and is maintained by Welford R. Wilson, A. B., Howard Uinversity, Class of 1910, of Mound Bayou, Mississippi.

ALPHA KAPPA ALPHA SORORITY PRIZE

The Alpha Kappa Alpha Sorority offers an annual prize of ten dollars to the young woman in the School of Liberal Arts who is graduated with the highest average scholarship, which must be not lower than cum laude grade and must cover four years of work at Howard University for the degree of A. B. or B. S.

EXPENSES

The following list of expenses includes the various items for which charge is made by the institution but it does not include such items as laundry, books and general expenses of a miscellaneous character, all of which are variable and more or less determined by the student himself. Laundry, mending and similar expenses will range from one to two dollars per month. Books, paper, and similar articles will cost six dollars per year and upward, depending on the course taken.

Table board is furnished in the University Dining Hall at $10 per month, payable monthly in advance. This amounts for the school year to about $83.00.

IN THE SCHOOL OF LIBERAL ARTS (THE COLLEGE OF ARTS AND SCIENCES AND THE TEACHERS COLLEGE), THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES, THE ACADEMY AND THE COMMERCIAL COLLEGE

All bills for the entire year are due and payable in advance.

Matriculation (paid only first year)	$ 5.00
Incidental fee	20.00
Library fee	1.00
Athletic and Physical Culture fee	3.00
Laboratory fees—Chemistry, Biology and Engineering, each	3.00-5.00
Laboratory fees—Physics and Geology, each	1.00
Room rent, including steam heat and light	25.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order	1.00

IN THE SCHOOL OF THEOLOGY

Matriculation (paid only first year)	$ 5.00
Room rent, including steam heat and light	16.00
Library fee	1.00
Athletic fee	1.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order	1.00

IN THE SCHOOL OF MEDICINE (MEDICAL, DENTAL AND PHARMACEUTIC COLLEGES)

Fee for entrance examination	$ 5.00
Matriculation (paid only first year)	5.00
Medical College, tuition for the year	100.00
Dental College, tuition for the year	80.00

Dental College, Laboratory fee for each year	$20.00
Pharmaceutical College, tuition for the year	80.00
Pharmaceutical College, Laboratory fee first and second years, each	8.00
Laboratory fee, third year	10.00
Library fee	1.00
Athletic fee	1.00

IN THE SCHOOL OF LAW

Matriculation (paid only first year)	$ 5.00
Tuition fee for the year	50.00
Library fee	1.00
Athletic fee	1.00

IN THE CONSERVATORY OF MUSIC

Matriculation (paid only first year)	$5.00
Voice—two lessons per week of 30 minutes each	5.00 per month
Piano—two lessons per week of 30 minutes each	5.00 per month
Piano—one lesson per week of 30 minutes each	2.50 per month
Violin—two lessons per week of 30 minutes each	5.00 per month
Harmony—two lessons per week of 30 minutes each	1.25 per month
Ear Training—two lessons per week	1.25 per month
Use of Piano one hour a day	1.25 per month
Music Library fee	1.00 per year

GRADUATION AND DIPLOMAS

Diploma for Bachelor's Degree and that of Doctor of Medicine, Pharmacy or Dentistry	$5.00
Graduation fee	2.00
Diploma, Teachers College	2.00
Certificates for those who have completed courses which do not entitle them to a degree	3.00

All students except those of the professional schools are required to take physical culture and exercise in the gymnasium under the physical director, with the combined fee for athletics and physical culture as above. Physical culture with the use of the gymnasium is optional for professional students. The fee for those who take it is $2.00 for the year in addition to the athletic fee of $1.00 as above.

ESTIMATED EXPENSES OF STUDENT FOR ONE YEAR IN ANY EXCEPT THE PROFESSIONAL SCHOOLS

Incidental, Athletic and Library fees	$ 24.00 to	$24.00
Room rent, heat and light	25.00 to	25.00
Board $10.00 per month, about 8 1-3 months	83.00 to	83.00
Laboratory fees in Chemistry, Physics, Biology, and Geology, when the student takes these studies, about	1.00 to	5.00
Entrance fee (first year only)		5.00
Laundry	10.00 to	20.00
Books	6.00 to	15.00
Total	$149.00 to	$177.00

The foregoing does not include clothes and incidental personal expenses, as these vary with the individual. The smaller amount would answer for students in the earlier years, especially in the Academy, when there are no laboratory fees and books are less expensive.

Students should have at least $80.00 on arrival at the institution. All bills are payable in advance (the first payment for board is to October 31st), and books and other incidental supplies must be purchased at the beginning of the term. Room rent and fees will not be refunded if a student leaves or if his relation to the University is dissolved from any cause except illness, in which case a physician's certificate will be required. No student is allowed to board himself in his room, and all who room in Clark Hall or Miner Hall must take their meals in the University dining room, unless excused. The rooms in the dormitories are furnished with bedstead, mattress, chairs, tables and bookcase. All other furnishings, such as towels, sheets, blankets, pillows and pillow-cases, must be supplied by the student. This must not be forgotten, nor should the newcomer overlook the advisability of reaching the institution early in the day, so that his room may be in order for use the first night. Applications for rooms should be made early. A room reservation will not be made for an applicant unless there is advance payment of $12.50 on the room rent.

A deposit of one dollar for safe return of key, and to insure proper care of furniture, etc., is required. Room rent and board for shorter periods will be charged for at a higher rate than the prices named.

Any personal property left by students during term time or vacation in the care of any officer of the University or in any of its buildings or upon its grounds, must be so left at the risk and liability of the owners thereof.

For admission to Miner Hall as a boarder a young woman must be at least sixteen-and-a-half years of age at the opening of the session.

HOW TO ENTER

Before coming to Washington, those desiring to enter the University should invariably write to the dean or secretary of the school they wish to enter, stating clearly what studies they have completed, and what course of study they desire to undertake. Failure to do this may work an ultimate hardship. The applicant should fill out and return blank found on last leaf of this catalogue. The requirements for admission into Howard University are higher than in some southern institutions.

On reaching the city, students intending to enter the School of Medicine (including the Medical, Dental, and Pharmaceutic Colleges), should report at once to Dr. William C. McNeill, secretary, at the Medical Building on Fifth and W Streets; those intending to enter the School of Law, to Mr. James F. Bundy, secretary, at the Law Building, 420 Fifth Street, opposite the Court House. Those who plan to enter other schools will report at the Registrar's Office in the Main Hall on the University campus. On inquiry at the Information Booth at the New Union Station, the student will be properly directed by the official in charge. From the Union Station the campus is most conveniently reached by taking any car going west on the Washington Railway and Electric Line and transferring at Ninth Street to a northbound Takoma Park, Forest Glen, District Line, Brightwood or Soldiers' Home car.

AIDS TO SELF-SUPPORT

Aid in the form of work in the institution is given to worthy students who need it, so far as funds allow. The boarding houses and hotels about the city offer opportunities for many young men to earn their board and often funds besides. An employment bureau is maintained at the office of the secretary of the Y. M. C. A. to assist students in finding places to work.

EXTRACT FROM MINUTES OF THE BOARD OF TRUSTEES OF HOWARD UNIVERSITY, FEBRUARY 6, 1913.

"*Resolved,* that each faculty of Howard University, other than the medical faculty, shall be composed of its dean, professors, associate

professors, and assistant professors, together with such instructors as are appointed for a term longer than one year, all of whom are to teach in the department under the charge of the faculty. Instructors and assistants who are appointed for one year to give instruction in a particular department may attend the meetings and take part in the deliberations of its faculty but shall not vote. The President of the University shall be a member of each faculty."

THE SCHOOL OF LIBERAL ARTS

COMPRISING

THE COLLEGE OF ARTS AND SCIENCES

AND

THE TEACHERS COLLEGE

Each of the above colleges is administered by its own faculty. The two colleges have the same requirements of admission.

Beginning with the entrance class of 1914, the College of Arts and Sciences will offer the purely academic degrees: "Bachelor of Arts" and "Bachelor of Science;" the Teachers College will offer the degrees: "Bachelor of Arts in Education" and "Bachelor of Science in Education."

No student will be allowed to enter a course during the first semester later than the fifteenth of October, nor during the second semester later than the tenth of February.

REQUIREMENTS FOR ADMISSION

Certificates of moral character and letters of honorable dismissal from the school last attended are required of all applicants. Graduates from the Academy of Howard University are admitted on certificate. Graduates from other accredited secondary schools having four-year courses will be admitted without examination, except that all such applicants may be examined in English. Applicants from secondary schools must present a transcript of their scholastic record during their four years' course.

Entrance examinations, when required, will be held during the two days preceding Registration Day. (See Page 3.)

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high-school course as a basis and assumes that the length of the school year is from 36 to 40 weeks, that a period is from 40 to 60 minutes in length, and that the study is pursued for four or five periods a week; but, under ordinary circumstances, a satisfactory year's work in any subject can not be accomplished in less than one hundred and twenty 60-minute

hours or their equivalent. Schools organized on a different basis can nevertheless estimate their work in terms of this unit.

Applicants for admission to the Freshman class *without condition* must present fifteen units. Applicants who present thirteen units may be admitted *conditioned* in two units. One unit of such deficiency must be made up before the beginning of the Sophomore year. All entrance conditions must be removed by the beginning of the Junior year.*

Single half units will be accepted only in the Sciences and in Civics. Less than two units in Latin will not be accepted in fulfillment of entrance requirements. A single unit in Greek will be accepted only on condition that the applicant continue that study.

PARTIAL COURSE STUDENTS

Candidates who meet all of the requirements for admission, but who do not wish to work for a degree, may be permitted to take selected studies. Such students shall be designated as "Partial Course Students." Candidates for a degree, who, for special reasons, may be allowed to carry less than four courses, shall be listed in the catalogue as partial course students, until they shall have completed at least eighteen units.

LIST OF ENTRANCE UNITS

One unit in a subject not contained in this list may be allowed credit at the discretion of the Faculty, but no subject will be counted that has been pursued in the grades below the High School.

The requisite entrance units must be chosen from one of the following groups:

GROUP I.	GROUP II.	GROUP III.
English 3	*English* 3	*English* 3
Mathematics 2	*Mathematics* 2	*Mathematics* ..2½
Latin 4	*Latin* 4	*Latin* 2
Greek 2	French .. } 1 or 2	History.....2
History 1	German . }	French } 1
Electives 3	History 2	German..... }
	Electives ...3 or 2	Science 2
		Electives.....2½
15	15	15

*Entrance conditions, when practicable, may be made up by pursuing work in the Academy, or under tutors authorized by the Faculty.

Subjects in italics are required.

ELECTIVES.—Botany, Civics, Chemistry, Commercial Geography, History, Physical Geography, Physics, Zoology.

DESCRIPTION OF ADMISSION UNITS

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively, Reading and Study, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(*a*) READING.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best speci-

mens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1913, 1914, 1915:

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by a semi-colon.

I. The Old Testatment, comprising at least the chief narrative episodes in *Genesis, Exodus, Joshua, Judges, Samuel, Kings,* and *Daniel,* together with the books of *Ruth* and *Esther;* the *Odyssey,* with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad,* with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid,* The *Odyssey, Iliad,* and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice; Midsummer Night's Dream; As You Like it; Twelfth Night; Henry the Fifth; Julius Caesar.*

III. Defoe's *Robinson Crusoe,* Part I; Goldsmith's *Vicar of Wakefield;* either Scott's *Ivanhoe* or Scott's *Quentin Durward;* Hawthorne's *House of Seven Gables;* either Dickens' *David Copperfield* or Dickens' *Tale of Two Cities;* Thackeray's *Henry Esmond;* Mrs. Gaskell's *Cranford;* George Eliot's *Silas Marner;* Stevenson's *Treasure Island.*

IV. Bunyan's *Pilgrim's Progress,* Part I; the *Sir Roger de Coverley Papers* in the Spectator; Franklin's *Autobiography* (condensed); Irving's *Sketch Book;* Macaulay's Essays on Lord Clive and Warren Hastings, Thackeray's *English Humorists;* Selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail;* either Thoreau's *Walden* or Huxley's *Autobiography* and selections from Lay Sermons, including the addresses on *Improving Natural Knowledge, A Liberal Education,* and *A Piece of Chalk;* Stevenson's *Inland Voyage and Travels with a Donkey.*

V. Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village;* Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal;*

Scott's *Lady of the Lake;* Byron's *Child Harolde, Canto IV,* and *Prisoner of Chillon;* Palgrave's *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley; Poe's *Raven,* Longfellow's *Courtship of Miles Standish,* and Whittier's *Snow Bound;* Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab* and *Rustum;* Tennyson's *Gareth and Lynette, Lancelot and Elaine,* and the *Passing of Arthur;* Browning's *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa-Down in the City.*

(*b*) STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon content, form, and style.

For students entering in 1913, 1914, 1915:

Shakespeare's *Macbeth;* Milton's *L'Allegro, Il Penseroso,* and *Comus;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration;* Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns.*

MATHEMATICS

Algebra through Quadratic Equations, one unit (required of all applicants).

Plane Geometry, one unit (required of all applicants).

Solid Geometry, including Spherical Geometry, will constitute a half unit.

Plane Trigonometry, covering the scope of Wentworth's Plane Trigonometry, will constitute a half unit.

Advanced Algebra pursued in secondary schools will not ordinarily be accepted.

GREEK

(a) Greek Lessons and Grammar (one unit).

(b) Four books of Xenophon's *Anabasis,* with Prose Composition, and three books of Homer's *Iliad* (one unit).

LATIN

Two units of Latin include:

(a) Latin Lessons and Grammar.

(b) Four books of Caesar, or equivalent, with Prose Composition, based on text.

Four units include, in addition to (a) and (b):

(c) Six orations of Cicero, including the *Manilian Law,* with Prose Compositions continued (one unit), and

(d) Six books of Vergil's *AEneid,* or equivalent (one unit).

GERMAN

One unit of German requires a full year's work, and should include, besides the mastery of some such grammer as Joynes-Meissner, the reading of about 200 pages of simple narrative prose. Two units include, in addition, a thorough study of German Syntax and the reading of about 400 pages of literature in the form of essays, stories, plays and poems.

FRENCH

One unit of French includes the methodical study of French Grammar and about 200 pages of reading, as found in the ordinary textbook. Two units include, in addition, 400 pages of reading matter, usually found in second-year texts.

HISTORY

General History, the equivalent of Myer's or Sheldon's (one unit); Grecian and Roman History, the equivalent of Myers' *History of Greece* and Leighton's *History of Rome* (one unit); English History, the equivalent of Gardiner's *Student's History of England* (one unit); United States History, the equivalent of Channing's *Student's History of the United States* (one unit); Civics, the equivalent of Fiske's *Civil Government,* or of Andrew's *Manual of the Constitution* or Macy's *Our Government* (one-half unit).

ELEMENTARY PHYSICS

A unit of Physics includes the amount of work indicated by such texts as Avery's, Gage's, or Carhart and Chute's, with laboratory note book.

ELEMENTARY CHEMISTRY

A unit of Chemistry includes General Inorganic Chemistry, as outlined in such texts as Remsen's, Williams' or Shepard's, with laboratory note book.

BIOLOGY

A unit of Biology includes the study of either Botany or Zoology for at least one year, the equivalent of Bergen's *Foundations of Botany* or Linville and Kelly's *Zoology*.

A satisfactory laboratory note book must be presented. Half units in each subject will be accepted.

PHYSICAL GEOGRAPHY OR COMMERCIAL GEOGRAPHY

Credit is allowed to the extent of one-half unit or of one unit, according to the amount of work done.

COLLEGE OF ARTS AND SCIENCES

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President.
KELLY MILLER, A. M., LL. D.,
Professor of Mathematics, Dean.
LEWIS BAXTER MOORE, A. M., Ph. D.,
Professor of Philosophy.
GEORGE OBADIAH LITTLE, A. M., D. D.
Professor of Greek.
GEORGE MORTON LIGHTFOOT, A. B.,
Professor of Latin.
WILLIAM VICTOR TUNNELL, A. M., S. T. B., LL. B.,
Professor of History.
GEORGE WILLIAM COOK, A. M., LL. M.,
Professor of Commercial Law and International Law.
EDWARD LAMAY PARKS, A. M., D. D.,
Professor of Economics and Political Science.
RICHARD EDWIN SCHUH, A. M., Ph. D.,
Professor of Biology and Geology.
HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry.
PERRY BLAINE PERKINS, A. M., Ph. D., (on leave 1913-14)
Professor of Physics.
WILLIAM COLEMAN, A. M.,
Acting Professor of Physics.
GORDON DAVID HOUSTON, A. B.,
Professor of English.
ERNEST EVERETT JUST, A. B.,
Professor of Zoology.
ALONZO HERTZEL BROWN, A. M.,
Associate Professor of Mathematics.
ALFRED FRANCIS WILLIAM SCHMIDT, A. M.,
Professor of German.

WILLIAM JOHN BAUDUIT, S. M.,
Associate Professor of Mathematics.
CHARLES SUMNER SYPHAX, A. B., LL. M.,
Associate Professor of Mathematics.
EDWARD PORTER DAVIS, A. M.,
Associate Professor of Greek.
THOMAS MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.
NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Assistant Professor of Chemistry.
ELIZABETH APPO COOK,
Instructor in French and Spanish.
ERNEST JONES MARSHALL, A. B.,
Instructor in Chemistry.
ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.
JAMES SIMPSON THOMAS, A. B.,
Instructor in German.
ETHEL TREMAIN ROBINSON, Ph. B.,
Instructor in English.
CHRISTOPHER COLUMBUS COOKE, A. B.,
Instructor in Botany.
CARL JAMES MURPHY, A. M.,
Instructor in German.
CLARENCE ALBERT HAYS, A. B.,
Assistant in Physics.

GENERAL STATEMENT

The College of Arts and Sciences is the department of the University devoted to the pursuit of liberal studies. Its aim is to inculcate sound principles of knowledge, to awaken enthusiasm for truth and duty and to emphasize the importance of systematic, exact, long-continued and thorough preparation on the part of those who would assume the larger duties and responsibilities of life. There is an unsupplied demand for men of sound and thorough college training in the ministry, in medicine, in law, in teaching, and in the varied pursuits and callings.

The teaching staff of the College of Arts and Sciences comprises 29 professors, instructors and assistants whose time is devoted wholly or in part to work under control of this Department. These furnish in-

struction not merely for the students registered in the College of Arts and Sciences but also for the students of the Teachers College, in so far as their work is of Academic character.

The Courses in Engineering which have hitherto been operated under control of this Faculty have been detached and placed under the School of Manual Arts and Applied Sciences.

REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF ARTS AND SCIENCES

See "Requirements for Admission" School of Liberal Arts, Page 33. All correspondence on matters of admission should be addressed to the Dean of the College of Arts and Sciences.

By a unit of College Work, or hour-unit, is meant one hour a week for one semester. Two laboratory units count as one unit of recitation. Recitations in all subjects, except preliminary Latin and Greek, occur three times a week.

THE GROUP SYSTEM

The curriculum is divided into two groups.

1. The Arts Group, based on classical languages leading to the Degree of Bachelor of Arts.

2. The Science Group, based on the sciences, leading to the Degree of Bachelor of Science.

Both groups contemplate the same number of units and involve work of the same order of difficulty, thoroughness and range. The Science Group is adapted to meet the requirements of those looking forward to the study of Medicine, Engineering, Agriculture, Science Teaching or special scientific pursuits.

Freshmen and Sophomores desiring to do so, may carry two courses in mathematics at the same time, so as to work off their preliminary mathematics for use in Physics, Chemistry and Engineering.

COMBINATION COURSES

Students of the College of Arts and Sciences desiring to enter upon professional studies before graduation, who have completed not less than 99 units, may take the studies of the first year in the School of Medicine, Law or Theology of Howard University, provided they can satisfy the stated requirements for admission thereto, and may

receive the Degree of A. B., or B. S., upon the satisfactory completion of one year's work in such professional school. The student will thus be enabled to shorten the two degrees by one year.

PRE-MEDICAL COURSE

The Scientific Group has been so arranged that students contemplating the study of Medicine may find the requisite preliminary courses in the regular schedule of the Freshman and Sophomore classes. All such students will be listed in the College of Arts and Sciences and subject to its regulations and discipline. Students enrolled in the School of Medicine, but conditioned in any of the preliminary subjects, may remove such conditions by attendance and work in regular courses of instruction in the College of Arts and Sciences.

Beginning with 1914, the Medical College of Howard University will require of all matriculants two years of College work in Physics, Chemistry, Biology and modern language besides English. The Science group of the Freshman and Sophomore years is adapted to meet the requirements of students looking forward to the study of Medicine, either in Howard University or in any Medical School approved by the American Medical Association.

COURSES PRELIMINARY TO THE STUDY OF LAW OR THEOLOGY.

The requirements for admission to the School of Law contemplate the completion of a four years' high school course. Students anticipating the study of law, as well as those already registered in the School of Law, who may feel the need of still further strengthening their preliminary foundation may pursue courses in English History, American History, Latin, French, Argumentation, and Political Science, in the regularly organized classes of the College of Arts and Sciences. Courses in Economics, Psychology, History, International Law, Commercial Law, Logic, Ethics and Sociology are open to students of the School of Law as far as they may find time and inclination to pursue them. The same advantages are offered to students of Theology.

PRELIMINARY COURSES IN GREEK AND LATIN

Preliminary courses are offered in Greek and in Latin. The courses in Greek are intended for those who offer no Greek at all for admission. They cover two years, three hours a week, and count six colleges

units. The course in Latin comes four times a week and is adapted to the proficiency of those who have presented only units at entrance; except in the making up of *entrance* conditions, this course will count three units. The course in Latin will in *one* year cover the amount of *two* years of secondary work. It counts three units.

GRADUATION AND DEGREES

1. Requirements for graduation shall consist of one hundred and thirty-two (132) semester hours, not less than one hundred and twenty (120) of which shall be due to successful class room work; and not more than twelve (12) to chapel attendance.

Students completing the classical group will receive the degree of Bachelor of Arts. Those completing the Science group will receive the degree of Bachelor of Science.

Students who maintain throughout the four years' course an average standing of 95, are graduated *"Summa Cum Laude"*; those who maintain a standing of 90 are graduated *"Magna Cum Laude;"* those who maintain a standing of 80 are graduated *"Cum Laude."*

GRADUATE WORK.

As the requirements of the undergraduate work impose such a heavy tax on the teaching staff, graduate work leading to the degree of Master of Arts is for the present discontinued.

Graduates of this and other Colleges, however, who may be especially interested in any of the courses in the curriculum, are welcome to pursue such courses.

SCHEDULE OF COURSES OF STUDY

Freshman Year

Arts Group

Leading to A. B.

English	3	Required 9 hours
Mathematics	3	
Latin or Greek	3	
Greek	3	Optional 3 hours
Latin	3	
French	3	
German	3	
Biology	3	Optional 3 hours
Physics	3	
Chemistry	3	
History	3	15 hours

SCIENCE GROUP

Leading to B. S.

English	3	Required 9 hours
Mathematics	3	
French or German	3	
Biology	3	Optional* 6 hours
Physics	3	
Chemistry	3	—
Mathematics	3	15 hours

SOPHOMORE YEAR

ARTS GROUP

Leading to A. B.

Latin	3	Optional 3 hours
Greek	3	
English Composition	3	Optional 6 hours
French	3	
German	3	
Latin or Greek	3	
English Literature	3	
Zoology	3	Optional 6 hours
Botany	3	
Physics	3	
Chemistry	3	—
Mathematics	3	15 hours
History	3	
Public Speaking	3	

SCIENCE GROUP

Leading to B. S.

Botany	3	Optional 6 hours
Zoology	3	
Physics	3	
Chemistry	3	
Mathematics	3	Optional 6 hours
English Composition	3	
French	3	
German	3	
English Literature	3	
History	3	Optional 3 hours
Mathematics	3	—
Public Speaking	3	15 hours

*One science chosen in the Freshman year must be continued through the Sophomore year. For this purpose, mathematics may be regarded as a science.

Junior Year

ARTS GROUP

Leading to A. B.

Psychology	3	Optional 3 hours
Economics	3	
Astronomy	3	
Geology	3	
French	3	Optional 3 hours
German	3	
Latin	3	
Greek	3	
English Literature	3	Optional 3 hours
Economics	3	
History	3	
Astronomy	3	Elective 6 hours
Argumentation	3	
English Literature	3	
Economics	3	
History	3	
History of Education	3	
Commercial Law*—International Law*.	3	
Commercial Geography*	1½	
Logic*—Ethics*	3	
Psychology	3	
Geology	3	
Physics	3	
Chemistry	3	
Biology	3	
Latin	3	
Greek	3	
French	3	
German	3	
Spanish	3	
Public Speaking	3	

15 hours

SCIENCE GROUP

Leading to B. S.

Psychology	3	Optional 3 hours
Economics	3	
Astronomy	3	
Geology	3	
French	3	Optional 3 hours
German	3	
Chemistry	3	Optional 3 hours
Biology	3	
Physics	3	

Astronomy	3	
Argumentation	3	
English Literature	3	
Economics	3	
History	3	
History of Education	3	
Commercial Law*—International Law*	3	
Commercial Geography*	1½	Elective 6 hours
Logic*—Ethics*	3	—
Psychology	3	15 hours
Geology	3	
Physics	3	
Chemistry	3	
Biology	3	
French	3	
German	3	
Spanish	3	
Public Speaking	3	

Senior Year

ARTS GROUP

Leading to A. B.

Philosophy	3	
Political Science	3	Optional ...0 or 3 hours
Sociology	3	

Philosophy	3	
Political Science	3	Elective ..15 or 12 hours
Sociology	3	—
Junior Electives		15 hours
Professional School	15	

SCIENCE GROUP

Leading to B. S.

Biology	3	
Physics	3	Optional ..0 or 3 hours
Chemistry	3	

Philosophy	3	
Political Science	3	Elective .15 or 12 hours
Sociology	3	—
Junior Electives		15 hours
Professional School	15	

*Half year courses.

DESCRIPTION OF COURSES

A course in any subject ordinarily contemplates the pursuit of that subject for one year, recitations occurring three times a week. The year course is understood unless otherwise designated.* Where courses extend throughout the four years, the numbers (I, II, III, IV) are understood to correspond to the Freshman, Sophomore, Junior, and Senior years, respectively.

All Freshman courses are designated (I) and all Sophomore courses (II). Where there are more than four courses in any one subject, they are not necessarily consecutive or dependent. Two half-year courses are usually so adjusted that the student need not change his schedule during the year. The student may, with approval of the Committee on Electives, choose preceding courses, but will not ordinarily be allowed to anticipate courses.

DEPARTMENTS OF INSTRUCTION

The work of the College of Arts and Sciences is divided into several departments, each having its appropriate field and corps of instructors.

I. Department of English.
II. Department of Mathematics.
III. Department of Greek.
IV. Department of Latin.
V. Department of History.
VI. Department of French.
VII. Department of Spanish.
VIII. Department of German.
IX. Department of Physics.
X. Department of Chemistry.
XI. Department of Botany.
XII. Department of Zoology.
XIII. Department of Geology.
XIV. Department of Economics and Political Science.
XV. Department of Sociology.
XVI. Department of International Law.
XVII. Department of Philosophy and Psychology.

*Half year courses are starred.

DEPARTMENT OF ENGLISH

Instructors

PROFESSOR HOUSTON, ASSISTANT PROFESSOR GREGORY, MR. POLLARD, AND MISS ROBINSON.

The aim of the Department of English is three-fold: first, to teach the student to give adequate written and oral expression to his thoughts; second, to develop the student's culture and broaden his outlook; third, to train the student to stand before an audience and give utterance to his thoughts. A study of literature, therefore, forms an essential part of all the courses in Composition and Public Speaking, and practice in composition forms an essential part of all the courses in Literature and Public Speaking.

ENGLISH I.—*Composition.*—This course is prescribed for all Freshmen. It is designed to give a drill in the use of correct and intelligible English and practice in the different forms of discourse. One-page themes, first on a limited range of subjects and later on a much wider range, are brought in on every day the class meets. In addition to such written work, longer themes of at least three pages, affording practice in the different forms of discourse, are required fortnightly. These longer themes are returned in conference, at which time individual instruction is given. Prescribed books of widely different range are read outside the class. The texts: Hill's *"Principles of Rhetoric,"* Pearson's *"Principles of Composition,"* and Webster's *Secondary School Dictionary.* Professor Houston, Asst. Professor Gregory, Miss Robinson and Mr. Pollard.

ENGLISH II. (*Advanced Composition.*)—This course is open to all students who have passed in English I. It includes the theory of composition, examination of representative styles, and practice in writing English. One long theme of at least three pages is required monthly. Shorter themes and reports are required at the pleasure of the instructor. Conferences are held monthly. Texts:

Canby's *"English Composition in Theory and Practice,"* Nutter-Hersey-Greenough's *"Specimens of Prose Composition,"* Grabo's *"The Art of the Short Story,"* and Webster's *"Secondary School Dictionary."* Professor Houston and Mr. Pollard.

ENGLISH III. (*Argumentation and Debating.*)This course is open to students who have passed in any two courses in English. It is designed to train the student in logical and systematic methods of thought. It emphasizes the framing of propositions, study of evidence, generalization and analysis, methods of refutation, and construction of briefs. Practice is given in debating. At least one long written exercise is required monthly. Conferences are held monthly. Text: Baker and Huntington's *"Principles of Argumentation."* Assistant Professor Gregory.

LITERATURE

LITERATURE I. (*English Literature.*)—This course is open to all students who have passed in English I. It covers the history and development of English Literature in outline from the earliest times to the present day. Stress is laid on masterpieces of prose and poetry; and outside readings are so arranged as to accompany the class-room work. The same long theme assigned monthly in English II is assigned in this course. Conferences are held monthly. This course and English II may be taken, with much profit, the same year. Professor Houston and Mr. Pollard.

LITERATURE II. (*American Literature and the Novel.*)—(Two distinct semester courses)—This course is open to all students who have passed in English I. The history of American Literature is traced from the earliest times to the present day. A study is made of both the prose and poetry. The history of the novel is traced from the Arthurian romance to the present day. Long themes are required. Conferences are held monthly. Texts: Wendell and Greenough's *"American Literature,"* Page's *"The Chief American Poets,"* Cross' *"Development of the English Novel."* Assistant Professor Gregory.

LITERATURE III. (*The Elizabethan Drama.*)—This course is open to Seniors and Juniors who have passed in Literature I or Literature II. It deals with the development of the English Drama from the Miracle and Mystery Plays to the closing of the theatres. An extensive and critical study is made of Shakespeare's plays. A long theme requiring considerable research work is passed in once a month. Conferences are held monthly. Texts: Boas's *"Shakespeare and His Predecessors;"* Woodbridge's *"The Drama; Its Law and Technique,"* and Neilson's *"The Chief Elizabethan Dramatists."* Professor Houston.

PUBLIC SPEAKING—This course is open only to Seniors and Juniors. It is designed to train the student's voice and to give him practice in

Public Speaking. Some practice is given in public reading, but the course deals chiefly with the delivery of original speeches, both prepared and extemporaneous. Texts: Baker's *"The Forms of Public Address"* and Winter's *"Public Speaking, Principles and Practice,"* Assistant Professor Gregory.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

Instructors

Professor Miller; Associate Professor Bauduit, Associate Professor Brown, and Associate Professor Syphax.

The Department of Mathematics aims to provide a thorough training in the fundamental principles of the courses usually comprised in undergraduate mathematics. Its primary purpose is to develop in the student the ability to think mathematically and thus to appreciate the spirit, power, and beauty of mathematical processes.

The work in the Department is arranged to meet the needs of two classes of students, those who intend to do their major work in the applied sciences, and those who do not. The difference in the respective courses offered, however, is one of intensiveness rather than of content or method of presentation, the chief object in view being to equip the science student as early as possible with the mathematical knowledge necessary to his work. To this end six hours a week are required during the first two years. Engineering students must take this work, but it is open also to all students. The requirements as to rigor of treatment, facility in application, and general mathematical discipline are the same in all courses offered by the Department.

Because of its recognized disciplinary and utilitarian value, mathematics is required of all regular students of the University during the freshman year. The first semester of this year is devoted to plane trigonometry; the second, to solid geometry and spherical trigonometry. All other courses in mathematics are elective. Great importance attaches to this elective work as a means either of liberal culture or specific training. Especially should students who desire to acquire more than the mere elements of engineering, astronomy, or any of the other applied sciences, make it a point to take the courses in the calculus, including differential equations, for such knowledge is fundamental in the modern treatment of the quantitative sciences.

I. (a) Solid Geometry. Books VI, VII, and VII, of Wentworth's *"New Plane* and *Solid Geometry."* Special emphasis is laid upon original propositions and practical numerical problems.

ASSOCIATE PROFESSOR SYPHAX.

I. (b) Plane Trigonometry. The trigonometric functions, trigonometrical analysis, solution of the right and oblique triangle, etc., with numerous problems.

ASSOCIATE PROFESSOR BROWN; ASSOCIATE PROFESSOR BAUDUIT.

I. (d) Spherical Trigonometry. Solution of the right and oblique spherical triangle, with applications to geography and astronomy.

ASSOCIATE PROFESSOR BAUDUIT AND ASSOCIATE PROFESSOR BROWN.

II. (a) Advanced Algebra. Arithmetrical progression, geometrical progression, binominal theorem, choice, chance, logarithmic series, theory of equations, etc.

ASSOCIATE PROFESSOR BAUDUIT.

II. (b) Analytical Geometry. The straight line, circle, parabola, ellipse, hyperbola, higher plane, curves and geometry of three dimensions.

ASSOCIATE PROFESSOR BAUDUIT.

III. (a) Differential Calculus. Methods of differentiation, expansion of functions into series, indeterminate forms, application to mechanics.

PROFESSOR MILLER AND ASSOCIATE PROFESSOR BAUDUIT.

III. (b) Integral Calculus. Fundamental formulus of integration, lengths of curves, areas, volumes, moments of inertia, etc.

PROFESSOR MILLER AND ASSOCIATE PROFESSOR BAUDUIT.

Differential Equations.

ASSOCIATE PROFESSOR BAUDUIT.

IV. Astronomy—Descriptive and Mathematical—Based on Newcomb's *Astronomy* and Young's *General Astronomy.*

PROFESSOR MILLER.

DEPARTMENT OF GREEK

Instructors

PROFESSOR LITTLE AND ASSOCIATE PROFESSOR DAVIS

A. Elementary Greek and Xenophon: First semester; Elementary Greek. Second semester: Elementary Greek concluded, and Book I of *Xenophon's Anabasis.*

ASSOCIATE PROFESSOR DAVIS.

B. Xenophon and Homer: *Anabasis* II, III, and IV, and from four to six books of Homer's *Iliad* will be read.

ASSOCIATE PROFESSOR DAVIS.

The regular Course for Freshman who enter with two units in Greek:

I. Boise and Freeman's *"Selections from Greek Authors,"* Herodotus, *"Thucydides,"* Xenophon's *"Memorabilia,"* Plato's *"Phaedo,"* Demosthenes *"Third Olynthaic."*

These authors as well as the events of which they write are arranged in chronogical order, but this is not necessarily followed in the class. It is customary to begin with Xenophon's Memorabilia—then turn back to the new Ionic of Herodotus with selections from Book VIII.—The battle of Salamis, then take up Plato with "Selections from Phaedo." The last day in the life of Socrates, and close with Demosthenes, the later Attic. The third *Olynthiac* II and III.

II. The work during the first semester is based upon Plato's Apology and Crito, and includes the study of the leading principles of Plato's doctrine set in close connection with Plato himself as he is presented to his writings.

In the second semester Demosthenes De Corona is read, with a comparative study of his other orations. Readings from the New Testament.

III. Sophocles Antigone: The reading of this tradegy requires the careful study of the logaoedic rhythm employed in the lyric parts, and the anapestic systems interposed between the strophes and antistrophes. And also familiarity with all the peculiarities of the Attic Classical Drama. Readings from the New Testament.

DEPARTMENT OF LATIN

Instructor

PROFESSOR LIGHTFOOT

A. Cicero. Vergil: First Semester: Four to six orations of Cicero. Second Semester: Four to six books of Vergil. Course A is prelimi-

nary and is open to students who have entered college with only two years of preparation in Latin. It counts as three college units except in the case of those who are conditioned in entrance Latin. Four times a week.

I. Cicero, Livy and Latin Prose Composition: The aim of this course is three-fold: (1) To develop in the student the power to read Latin, (2) to promote his appreciation of Latin Literature, and (3) to study the development of the Subordinate Clause in Latin. To this end two hours a week during the first semester will be devoted to the rapid reading of Cicero's *De Senectute* and *De Amicitia,* and one hour a week to the study of the Subordinate Clause based upon Part I of Gildersleeve and Lodge's *Latin Prose Composition.* During the second semester the study of Roman prose style will be continued by reading Burton's *Selections from Livy.* Lectures will be given on the History of Latin Literature. During the year the members of the class will be required to prepare papers on the Latin Subordinate Clause as well as upon some topic in Roman history suggested by the selections from Livy. (Freshman Course.)

II. Horace and Tacitus: The work during the first semester will be based upon selections from Horace's *Odes, Epodes, Satires* and *Epistles,* and will include in connection with the Odes a careful study of the principal meters as well as frequent references to the influence of Horace upon English Literature. In connection with the Satires. the students will be required to present papers on the origin and development of Roman Satire. The work in Tacitus during the second semester will consist in reading the *Germania* and *Agricola* and the study of the Imperial period of Roman history.

(Junior and Sophomore elective course open only to those who have taken Latin I.)

III. Plautus, Terence, Pliny, Tacitus: Roman Comedy will be studied during the first semester. The class will read the *Captivi* and *Trinummus* of Plautus and the *Adelphoe* or *Phormio* of Terence. Papers will be required on the origin and development of Roman Comedy and the influence of Plautus and Terence upon the modern drama. Several lectures will be given in connection with this course. In the second semester selections will be read from the more important *Letters* of Pliny. There will also be sight reading from the *Annals* of Tacitus, books XI-XVI, as well as a brief study of Latin

Inscriptions based upon Egbert's *Inscriptions* and Allen's *Remnants of Early Latin.*

(Open to Juniors and Sophomores who have taken Latin I.)

NOTE.—This course alternates with Latin II.

IV. Juvenal, Vergil: Selections from Juvenal's *Satires* will be read during the first semester together with a study of Roman customs. During the second semester the time will be devoted to the reading and study of those portions of Vergil not ordinarily read in secondary schools. *Aeneid, Books VII-XII,* the *Eclogues* and the *Georgics*: A somewhat detailed study will be made of the manuscripts of Vergil, the *Aeneas Legend,* the influence of Vergil in the Middle Ages and upon modern literature. Intended as a culture course and for those who expect to become teachers of Latin in secondary schools. (Open only to those who have taken Latin I and II).

DEPARTMENT OF HISTORY

Instructor

PROFESSOR TUNNELL

I. History of Western Europe: This course traces the history of Europe from the downfall of the Roman Empire to our own day. Starting with the discussion of the heritage of Rome and the migration of the races, the epochs of mediaeval and modern Europe are passed in review and the salient facts and features emphasized. Selection is made of the eminent political, social, juristic, ecclesiastic, humanistic and other germinal forces and movements which explain modern Europe and give the key to the comprehension of present European states and politics.

II. English History: The aim of this course is to concentrate attention upon the growth of Anglo-Saxon institutions and to trace the varied phases and influence of English civilization. The various invasions are shown in their effects upon the fusion of the races, the blending of the tongues and in the modifications of the life, customs, laws and characteristics of the people. Emphasis is placed on the rise of parliamentary government, the struggles against despotism, the winning of the great charters, the growing power of the people, the extension of the Empire and the development and diffusion of the principles of constitutional government, social growth, industrial progress, the advancement of science, education, art, religion and the whole cycle of influences of which English civilization is the symbol.

III. American History: A comprehensive survey of the great germinal facts and forces of American institutions and the principles and motives that underlie and interpret the crises of our national life. Special emphasis is placed upon documents with other authoritative sources and materials.

In all these courses each student is required to make special study of some assigned epoch or movement and present a thesis to be read in class. (Open to Seniors and those who have completed courses I or II.)

IV. History of the Reconstruction Period: An intensive study of the critical period immediately preceding and subsequent to the Civil War. The political, social, economic and sectional issues and influences are briefly reviewed. Amendments XIII, XIV and XV to the Constitution, together with the various Reconstruction Acts of Congress are critically studied, also the incidents in the several States. The aim is to give a clear conception of the new birth of the Nation and to ascertain the readjusted rights, liberties, immunities, obligations and duties of the emancipated and enfranchised race. Being essentially a course of patient, critical investigation of documents and monographs the seminar method will be followed. (Open to students who have taken two courses in History, of which Course III must be one.)

DEPARTMENT OF FRENCH

Instructors

MISS COOK AND MR. THOMAS

I. The work of the first year consists in laying a broad foundation, intended as a preparation for advanced classes, but is sufficiently broad and comprehensive to enable the student to perfect himself in conversation, composition, literary and scientific reading, without further class-room assistance. Texts: Colin and Sérafon's *Practical Lessons in French Grammar* and Josselyn's *Elementary Reader of French History.* MR. THOMAS.

II. The work of the second year deepens and extends that of the first. Texts: Syntax—Edgren's *French Grammar.* Reading—Foncin's *"Pays de France"* (Edited by Muzzarelli). Victor Hugo's *"Notre Dame de Paris,"* Extracts *Super's Reading from French History."* Fortier's *"Napoleon."* MISS COOK.

III. Texts: (1) Xavier de Maistre's *"Voyage autour de ma Chambre."* (2) Souvestre's *"Un Philosophe sous les toits,"* (3) Lamartine's

"Meditations." A diary in French forms a part of this course, besides other works in composition, also conversation. Miss Cook.

IV. A course in French Drama. Texts: Illustrating (1) the Classic French Drama, Moliere's *"Tartuffe"* and Corneille's *"Le Cid,"* (2) The Transition, Dumas' *"Henri III et sa Cour,"* and (3) the Romantic French Drama, Victor Hugo's *"Hernani,"* Coppee's *"Lutier de Cremone."* The composition of this course will be the formal French adapted to polite letter writing, business communication or diplomatic correspondence. (All courses in French are elective, open to all who are prepared for them.) Miss Cook.

DEPARTMENT OF SPANISH

Instructor

Miss Cook

Courses in Spanish have been introduced to meet the practical demands in connection with growing opportunities in Spanish-speaking countries and in our own colonial possessions. The technical and natural methods are combined; ample drill is given in pronunciation, grammar and composition, with reading, dictation and conversation. I. Texts: Marion and Des Gareunes' *Introduction a la Lengua Castellana; Carter and Malloy's Cuentos Castellanos.* II. Texts: E. C. Hill's *Spanish Grammar;* Remy's *Spanish Composition;* Hill's and Reinhardt's *Seven Spanish Stories;* Caballero's *Un Servilon y un Liberalito.* (Elective; open to Juniors and Seniors, and to others by special arrangement.)

DEPARTMENT OF GERMAN

Instructors

Professor Schmidt, Mr. Thomas, and Mr. Murphy

The work of this department is designed to give the mental discipline that a classical language usually affords, to enable students in the sciences to read understandingly works and authorities in German, and to help develop in those who may elect German as a cultural study an intelligent appreciation of German literature, life, and thought.

I. Elementary German: The essentials of the grammar, translation of easy prose and poetry, turning into German of simple connected discourse, and dictation. This course is the equivalent of the elementary German of the college entrance requirements, the ground covered being that of a two years' course in approved secondary

schools. Texts: Thomas's *German Grammar;* Walter and Krause's *Beginners' German;* Wildenbrush's *Der Letzte;* Heyse's *Anfang und Ende;* Harris's *German Composition.*

II. Second Year German: Contemporary German in the first semester, classical in the second. One hour a week through the year is devoted to prose composition and dictation.

This course is the equivalent of the advanced German of the college entrance requirements, and is open only to students who have passed German I, or have satisfied the entrance requirement in elementary German: Texts: Heine's *Die Harzreise;* Freytag's *Die Journalisten;* Goethe's *Hermann und Dorothea;* Bacon's *German Composition.*

III. Scientific and Historical German: This course is designed to prepare students in the sciences, in history and economics to read with facility standard treatises in the German and to keep abreast of their respective specialties through the medium of technical and professional journals. German II prerequisite.

IV. Advanced German: The aim of this course is to introduce the student to the spirit of the classical German drama and to give him an insight into the life and times of the author read. One hour a week is devoted to prose composition, the discussion of grammatical and syntactical questions of a more involved character, idioms, synonyms, and dictation as preparatory to conversation.

DEPARTMENT OF PHYSICS

Instructors

PROFESSOR WILLIAM COLEMAN AND MR. HAYES.

I. General College Physics: Three hours per week throughout the year of lecture and recitation plus one two-hour period per week laboratory work. The course covers mechanics, heat, sound, light, electricity and radio-activity. It furnishes a very thorough foundation for further study in physics, and at the same time presents the principles of physical phenomena demanded today as one of the essentials of a liberal education. Prerequisite Mathematics offered for admission.

II. General advanced Laboratory Physics: Two periods of two hours each per week lecture throughout the year. This course includes about fifty experiments apportioned about as follows: Mechanics 12, Sound 6, Heat 10, Light 12, Electricity and Magnetism 15. In this course the opportunity is offered the student to become acquainted with instru-

ments of precision by performing the above variety of experiments. For further particulars see Outline of Course and Instructions for Students in Physics 2, Prerequisite, Course 1, and Elementary Mathematics including at the least Trigonometry.

III. Introduction to Theoretical Physics: Three hours per week, lecture and recitation throughout the year. Among the subjects considered, dynamics, thermodynamics, vector analysis, kinetic theory of gases, theory of light, theory of electricity and magnetism. Prerequisite, Differential and Integral Calculus.

IV. Electricity and Magnetism: Three hours per week throughout the year. This course is especially adapted for electrical engineering students, and covers the theory of the direct and alternating current generators and motors, static and rotary transformers, the storage battery, and electric lighting. Prerequisite, Physics I and II, Differential and Integral Calculus.

V. Advanced Laboratory Physics: Six hours per week throughout the year. A laboratory course in electricity and magnetism to be taken with Physics IV. In addition to accurate measurements, using various standard units, this course will include the testing of generators, motors, rotary converter, transformers; measurements of power and efficiency; study of the characteristic curves of various machines; armature winding; detection of faults in windings, etc.

VI. Seminar: One hour per week, required of all students doing advanced work, in which papers will be read and reports made on articles occurring in the scientific magazines.

VII. Research work, requiring a thesis, twelve hours per week.

VIII. Theoretical Mechanics: Three hours per week during the year, lectures and recitation. Especially adapted to the needs of engineers. Text: Jean's *Theoretical Mechanics.* This course will be supplemented by six weeks' work in those types of Differential Equations, especially applicable to Physics, Physical Chemistry and Engineering. Text: Osborne's *Examples of Differential Equations.*

DEPARTMENT OF CHEMISTRY

Instructors

PROFESSOR SCURLOCK.

ASSISTANT PROFESSOR ADAMS AND MR. MARSHALL.

I. General Inorganic Chemistry. Lectures, recitations, quizzes, and blackboard exercises throughout the year in the class-room.

Laboratory: Practical exercises in General Inorganic Chemistry throughout the year.

Mr. Marshall.

II. Qualitative Analysis. The class-room work consists of lectures and recitations on the modern theory of qualitative separations, and blackboard exercises to develop an understanding through equation writing of the reactions studied.

Laboratory work begins with the study of the reactions of known substances, and proceeds to the more difficult work of simple unknowns and complex mixtures.

Professor Scurlock and Mr. Marshall.

III. Quantitative Analysis. The class-room work deals with a discussion of the methods employed in the laboratory and the special features which arise. Calculation of analytical results forms the subject of blackboard exercises.

Laboratory: Instruction is given in gravimetric, volumetric, gasometric and electrolytic determinations. Examples in sanitary, commercial, and food analysis are given to show the application of the methods studied.

Professor Scurlock.

IV. Elementary Organic Chemistry. Lectures and recitations throughout the year.

Laboratory: The practical work includes the preparation of some of the typical compounds of the important classes of organic compounds and a study of their reactions and transitions.

Assistant Professor Adams.

General Statement: The four courses described above are the fundamental undergraduate courses which the student is expected to pursue during his college course. Courses V, VI, and VII, (below) are open to suitably prepared students, but before admission to such work the applicant must satisfy the Department that he is able to undertake the work chosen. These courses may not all be offered in the same year, and consultation should be held with the Professor of Chemistry before electing any of them.

VI. Physical Chemistry. (a) Lectures and recitations. This course covers in an elementary way the leading principles of the subject, and forms an excellent supplement to the course in General Inorganic Chemistry, and may be taken along with II or III.

(b) Laboratory: Simple exercises, qualitative and quantitative, to illustrate the methods of Physical Chemistry.

ASSISTANT PROFESSOR ADAMS.

The lecture course may be taken along with other courses for half unit credit, but the laboratory course cannot be taken in the same semester with another laboratory course. (a) and (b) together carry the credit of a full unit.

PROFESSOR SCURLOCK.

V. Advanced Organic Chemistry. This is a laboratory course dealing with the preparation and purification of typical organic compounds. It is well adapted for students who expect to enter the field of manufacturing pharmacy, or who look forward to special training in Organic Chemistry. Conferences are held frequently. Course IV is prerequisite, and only those students who have shown their ability to prosecute this work can be accepted.

ASSISTANT PROFESSOR ADAMS.

VII. Food Chemistry and Food Analysis. The lectures deal with the composition and physiological relations of food, and food control. The laboratory course offers practice in the analysis of milk, milk products, edible oils, cereals, prepared foods, canned goods, etc. This work meets the requirements of prospective medical students, Domestic Science Teachers, and others interested in this class of work.

PROFESSOR SCURLOCK.

BIOLOGY AND GEOLOGY

PROFESSOR SCHUH, PROFESSOR JUST AND MR. COOKE

The following courses are recommended to three classes of students: (1) to those who have an interest in the natural sciences; (2) to those who intend to teach them; (3) to all who desire to pursue the study of medicine. All are elective.

DEPARTMENT OF BOTANY

I. Elementary Botany: A brief oversight of the vegetable kingdom. Both morphology and physiology will receive emphasis. A course intended to train the student in the use of the microscope and to prove helpful to those intending to teach, or to study Medicine or Pharmacy. (May be taken in connection with Zoology I.)

Text: Bergen and Davis's *Principles of Botany*.

PROFESSOR SCHUH.

II. Advanced Botany: A course on the anatomy and physiology of the higher plants, and in the classification, structure and life-history of the various types of cryptogams. Special attention is given to those of economic interest. (Open to all who have completed Botany I or its equivalent.)

Text: Coulter, Barnes and Cowles's, *Text-book Botany, Vol. I.*

PROFESSOR SCHUH.

DEPARTMENT OF ZOOLOGY

I. General Zoology: An introductory course designed to lay a broad foundation of the general principles of zoology as a part of a liberal education or as a preparation for the study of Medicine. Structure, life-histories, and physiology of typical animals are studied in the laboratory. (Open to Freshmen; may be taken with Botany I.)

PROFESSOR JUST.

II. Invertebrate Zoology: Comparative anatomy, physiology, and embryology of invertebrates, with attention to the inter-relation of Phyla. While the type method of study will prevail, a number of examples will be studied to show adaptations of animals to their particular lives. Forms of economic interest, including parasites of man, will be considered in this course. Prerequisite: Zoology, I.

Parker and Haswell's Text-book of Zoology, Vol. II.

PROFESSOR JUST.

III. Vertebrate Zoology: A comparative study of vertebrate structure, with attention to the histology and the physiology. The course will include laboratory study of the tunicates and amphioxus and of examples of the other vertebrate classes. This course is recommended to those who are especially interested in Zoology, and to those who wish to lay a foundation for the study of human anatomy, physiology, and psychology. Prerequisite: Zoology I.

Parker and Haswell's Text-book of Zoology, Vol. II.

PROFESSOR JUST.

IV. Histology: A study of the structure of the cell, the comparative histology of animal tissues, and an outline of the structure of the systems of various animals, including a vertebrate type. (Junior and Senior elective.) Prerequisite: Two courses in Zoology.

Dahlgren and Kepner's *Principles of Animal Histology.*

PROFESSOR JUST.

V. Vertebrate Embryology: (a) An introduction to V b. Recitations, demonstrations, and laboratory work. Prerequisite: Zoology I and III.

Lillie: *The Development of the Chick.* PROFESSOR JUST.

(b) Comparative Embryology of Vertebrates.

PROFESSOR JUST.

DEPARTMENT OF GEOLOGY

Instructor

PROFESSOR SCHUH

I. Elementary Geology: A synoptical course in dynamic, structural and historical Geology. Though thorough, it is popular in its methods, and aims to aid teachers in giving instruction in physiography and geography as well as in more formal Geology. It is advisable that Botany I and Zoology I precede it. (Junior elective.) Text: Brigham's *Text-book of Geology.*

PROFESSOR SCHUH.

II. Advanced Geology: A more extended and systematic account of the earth's past history, of its physical aspects, and the forces by which its present condition has been attained. Attention is given to economic Geology, and about 3,000 specimens of fossils and minerals are available for the use of students. (Open to all who have completed Geology I or its equivalent.) (Senior Elective.) Text: Chamberlin and Salisbury's *College Geology.*

PROFESSOR SCHUH.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Instructor

PROFESSOR PARKS

Economics: A general survey of the facts, history, principles, theories, and rapidly growing literature. Emphasis is placed on the facts, fundamental principles, and laws. Present conditions and problems are studied, and current economic events, movements, and tendencies are discussed. Emphasis is placed upon the study of the condition of the masses, their needs, and the relation of their economic to their educational, aesthetic, moral, and social life.

The study of the text book is supplemented by class-room lectures with required notes, readings, theses, and discussions.

Text: Ely's *Outlines of Economics.*

Political Science: A course in the general principles including the origin, history, nature, organization, and vital forces of the state and the organization, province and function of government, with a comparison of the present leading states and their governments; and a special study of the government of the United States, including the federal, state, municipal and other local governments. While due attention is given to the structure of the government of the United States, emphasis is placed upon the study of the vital forces and practical working of our American system and of its present tendencies and living issues.

Great emphasis is placed upon the study of the history of the development of democracy with its present tendencies, current political progress in the various states of the world, and the close connection between the rapidly developing economic life and the new and ever-changing political problems.

The text books are supplemented by class-room lectures with required notes, readings, theses, and discussions.

Texts: Gettell's *Introduction to Political Science;* Bryce's *American Commonwealth* or Beard's *American Government and Politics.*

PROFESSOR PARKS.

DEPARTMENT OF SOCIOLOGY

Instructor

PROFESSOR MILLER.

(a) Theories of Social Progress. (b) Practical Social Questions. The stress of emphasis is placed upon present day Social problems.

SOCIAL STATISTICS AND SOCIAL WELFARE

The purpose of this course is:

(1) To acquaint the student with the statistical method of interpreting social phenomena; (2) To afford experience in the field work of social research; (3) To give actual practice in real uplift work in behalf of all classes.

DEPARTMENT OF PHILOSOPHY

Instructors

PROFESSOR MOORE AND ASSISTANT PROFESSOR LOCKE

I. Psychology (a): General survey of conscious processes and explanation of modern methods of scientific investigation—classification of mental functions with examination of the physical basis of mental states. (Elective.)

PROFESSOR MOORE.

Psychology (b): More extensive study of special subjects such as attention, association, imagination, thought, apperception, instinct, will and habit. The work is conducted by lectures, text-books, and reports or short papers on assigned topics. Texts: Baldwin, Angell and James.

PROFESSOR MOORE.

II. Logic*: Elements of deductive and inductive logic, nature of reasoning, conditions of proof, training in clear reasoning and a comprehensive grasp of scientific method. The course will show the relation of logic to psychology and the general theory of knowledge.

ASSISTANT PROFESSOR LOCKE.

III. Ethics*: This course will aim to treat Ethics as a descriptive and normative science and to show its applications to the solutions of problems of conduct. A survey will be made of ethical theories—origin and authority of moral law, nature and function of conscience—modern problems and their ethical aspects. Text: Tuft's *Ethics.*

ASSISTANT PROFESSOR LOCKE.

IV. History of Philosophy: General survey of the principle philosophic systems with a critical study of certain modern types of thought—consideration of the important problems of modern philosophy from the vantage ground of the history of civilization. Text: Weber's *History of Philosophy.*

PROFESSOR MOORE.

DEPARTMENT OF INTERNATIONAL LAW AND COMMERCIAL LAW

Instructor

PROFESSOR COOK

International Law*: This is a suggestive course through which to gain a knowledge of the historic advance and development of the law of nations, and of the sources of definite information regarding the relations between nations, expressed in congresses, conventions, treaties and declarations as established in accepted usages and rules of action laid down in decided cases.

Commercial Law*: This course is designed to supply a pressing need of those entering into life's activities, and will be treated so as to give a student the practical knowledge of the requisites in business affairs, to enable him legally both to protect his own property rights, and to respect those of others.

The work will be pursued in an elementary manner under the following heads: General Principles of Law, Contracts, Negotiable Paper, Insurance, Real Estate Transfers.

TEACHERS COLLEGE

FACULTY AND INSTRUCTORS

STEPHEN MORREL NEWMAN, A. M., D. D.,
President.

LEWIS BAXTER MOORE, A. M., Ph. D.,
Dean and Professor of Philosophy and Education.

THOMAS W. TURNER, A. M.,
Professor of the Teaching of Biological Sciences.

McLEOD HARVEY, A. M., Ph. D.,
Professor of Educational Psychology.

ALONZO HERTZEL BROWN, A. M.,
Associate Professor of the Teaching of Mathematics and Science.

WALTER DYSON, A. M.,
Associate Professor in History and Civics.

ALAIN LEROY LOCKE, A. B., Litt. B.,
Assistant Professor of the Teaching of English; Instructor in Philosophy and Education.

MARTHA MacLEAR, A. M.,
Assistant Professor in Elementary Education; Director of Kindergarten Training Department.

ETHEL TREMAIN ROBINSON, Ph. B.,
Instructor in English and Literature.

CHARLES H. WESLEY, A. M.,
Instructor in the Teaching of History and Modern Languages.

*

KELLY MILLER, A. M.,
Professor of Mathematics.

GEORGE OBADIAH LITTLE, A. M., D. D.,
Professor of Greek.

GEORGE MORTON LIGHTFOOT, A. B.,
Professor of Latin.

*Courses offered by the following Professors and Instructors are open to students of the Teachers College and constitute a part of their regular course of study.

WILLIAM VICTOR TUNNELL, A. M., S. T. B., LL. B.,
Professor of History.
GEORGE WILLIAM COOK, A. M., LL. M.,
Professor of Commercial Law and International Law.
EDWARD LAMAY PARKS, A. M., D. D.,
Professor of Economics and Political Science.
RICHARD EDWIN SCHUH, A. M., Ph. D.,
Professor of Biology and Geology.
HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry.
WILLIAM COLEMAN, A. M.,
Acting Professor of Physics.
GORDON DAVID HOUSTON, A. B.,
Professor of English.
ERNEST EVERETT JUST, A. B.,
Professor of Zoology.
ALFRED FRANCIS WILLIAM SCHMIDT, A. M.,
Professor of German.
WILLIAM JOHN BAUDUIT, S. M.,
Associate Professor of Mathematics.
THOMAS MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.
NUMA POMPILIUS GARFIELD ADAMS, A. M..
Assistant Professor in Chemistry.
ELIZABETH APPO COOK,
Instructor in French and Spanish.
ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.
JAMES SIMPSON THOMAS, A. B.,
Instructor in German.
CARL P. MURPHY, A. M.,
Instructor in German.

STATEMENT OF AIMS

The aim of this college is to provide thoroughly prepared teachers for High Schools, Normal Schools, Academies, Elementary Schools, and Kindergartens. It is not a Normal school, but a college of education and takes academic rank with Colleges of Arts and Sciences in its scholastic work and with schools of Medicine, Law and Theology in

its professional work. It provides for the following classes of students: (1) Teachers of experience wishing further preparation for principalships and professorships in colleges and Normal Schools. (2) College students intending to teach one or more special subjects in High School and who, while working for the bachelor's degree, desire especial equipment in education and teaching. (3) Persons preparing to teach in elementary schools and kindergartens, and those preparing to teach special branches, such as Manual Training, Domestic Science and Domestic Art and Music. (4) Mature teachers wishing to familiarize themselves with new methods or to master new branches. (5) College graduates who have not had advantage of the latest and best work in modern education and who desire to become professional teachers. (6) Persons who not desiring to follow teaching as a profession, may wish to pursue the study of education for the purpose of aiding in the general educational reform and the uplift of the community as members of Boards of Education, School committees, etc. Such persons of both sexes will find the study of education of immense advantage to them.

ADMISSION

Admission ot the Teachers College is obtained by furnishing certificates of good moral character, letters of honorable dismissal from the school last attended, and evidences of having completed successfully an accredited High School course of four years. For fuller explanation see University catalogue pp. 33 to 39.

ADVANCED STANDING

Applicants who offer collegiate courses or professional courses from normal schools in excess of the requirments for admission may be given advanced standing; but in no case shall such credit be recognized unless it rests on pre-collegiate preparation offered by the four years' course in an accredited high school.

SCOPE OF WORK.

COLLEGE COURSES

FOR TRAINING TEACHERS OF HIGH SCHOOLS, NORMAL SCHOOLS, AND ACADEMIES

The courses of the Teachers College give a broad and thorough preparation, both scholastic and professional, to men and women desiring to

teach in high schools, normal schools and academies. Being one of the colleges of the School of Liberal Arts, its work is co-ordinated with that of the College of Arts and Sciences, and students of both colleges, in much of their scholastic work, recite in the same classes and pursue the same courses. In the Freshman and Sophomore years, sufficient differentiation is made to prepare students of this college for the Junior and Senior years, which contain much of professional work. In the process of teaching, the method is particularly adapted to those who propose to become teachers, *it being borne in mind that one who studies a subject for the purpose of teaching, must have a different viewpoint and method of approach, as well as mental attitude, from the one who studies simply to acquire. Differentiation in method, therefore, as well as content is essential.*

DEGREES AND DIPLOMAS

On the completion of the undergraduate course of four years, or one hundred and twenty-six semester hours, (six of which are accredited to observation and practice teaching), the University confers the Bachelor's degree.

The work of the College divides itself into an Arts Group for those taking Latin or Greek, leading to the degree of Bachelor of Art, and a Science Group, for those taking French or German, leading to the degree of Bachelor of Science. Each degree carries with it the Bachelor's Diploma in Education. To the class graduating in 1918 the degree of Bachelor of Arts in Education or Bachelor of Science in Education is offered.

Upon the completion of a course of two years in Elementary Education, Kindergarten Education or Practical Arts, the University confers a diploma appropriate to the course pursued.

DISTINCTION AT GRADUATION

Students who maintain throughout the four years' course an average standing of 95, are graduated "Summa Cum Laude;" those who maintain a standing of 90 are graduated "Magna Cum Laude;" those who maintain a standing of 80 are graduated "Cum Laude."

GRADUATE WORK

Graduates of the Teachers College, the College of Arts and Sciences of Howard University, or of institutions whose undergraduate course

is equivalent to that of this institution on approval of the faculty, may become candidates for the degree of Master of Arts and the Master's Diploma in Education. At least one year of resident study is required.

REQUIRED COURSES FOR BACHELOR'S DEGREE AND BACHELOR'S DIPLOMA IN EDUCATION

Professional Requirements:

Education B. History of Education 4 units.*
Education 51. Principles of Education 3 units.
Education 52. Principles of Teaching 3 units.
Education A. Educational Psychology 3 units.
Education 107. Secondary Education 3 units.
Education 108. Elementary Education 3 units.
Education 53-54. Observation and Practice Teaching...3 units.

Each student is required to elect 6 units from the following subjects:

Education 61-62. The Teaching of English 4
Education 63-64. The Teaching of History 4
Education 55-56. Child Psychology 3
Education 67-68. The Teaching of Modern Languages 4
Education 64-66. The Teaching of Mathematics 4
Education 71-72. The Teaching of Science 4
Education 69. The Teaching of Latin in High Schools 2

COURSES OPEN TO GRADUATES AND APPROVED SENIORS

Education 101-102. School Administration and Supervision ...4
Education 105-106. Advanced Educational Theory 4
Education 103-104. Problems in Modern Education 4
Education 109. Biology and Education 2

GENERAL REGULATIONS

All regular students must complete, during their college course, at least 18 units in a major subject, and at least 12 units in a minor subject. As a major, any of the following academic subjects or groups of subjects may be chosen: English, Latin, Greek, French, German, Mathematics, Physical Science, Biological Science or History, including Economics and Political Science. As a minor, choice may be made of any one of the above subjects or of Education, Psychology, and Philosophy.

The Bachelor's diploma in Education may be granted to graduates of approved colleges upon the completion of at least one year's work in residence and the satisfaction of the requirements specified on page 67 under Professional Requirements, Required Electives, General Regulations.

The Master's Diploma in Education may be granted in connection with the Master of Arts Degree, provided the candidate has taken a major or minor in Education and has satisfied the requirements specified on page 68 under Professional Requirements and Required Electives.

CONSPECTUS OF TEACHERS COLLEGE COURSE OF STUDY

NOTE.—Courses numbered 1 to 50, and A, B, C, etc., are open to Freshmen and Sophomores; 50 to 100 are Junior and Senior subjects; 100 and above are Senior and Graduate studies.

I. THEORY AND PRACTICE OF EDUCATION.

1. Education 51. Principles of Education.
2. Education 52. Principles of Teaching.
3. Education 101-102. School Administration.
4. Education 53-54. Practice Teaching.
5. Education 107. Secondary Education.
6. Education 108. Elementary Education.
7. Education 1 and 2 Bases of Thought and Conduct.

II. EDUCATIONAL PSYCHOLOGY.

1. Education A-1. General Psychology.
2. Education A-2. Educational Psychology.
3. Education 55-56. Genetic and Child Psychology.
4. Education 57-58. Advanced Educational Psychology.
5. Education 58-A. Adolescence.

III. HISTORY AND PHILOSOPHY OF EDUCATION.

1. Education B. General History of Education.
2. Education 103-104. History of Education in America.
3. Education 105-106. Philosophical Basis of Educational Theory.
4. Education 59-60. Logical and Sociological Bases of Education.

IV. KINDERGARTEN EDUCATION.

1. Education 1-2 K. Kindergarten Principles.
2. Education 3-4. Gifts and handwork.
3. Education 5-6. Songs and Games.
4. Education 7-8. Kindergarten Theory and Practice.

V. TEACHING OF ENGLISH LANGUAGE AND LITERATURE.

1. Education 61-62. The Teaching of English.
2. English A. Required of Freshmen, Literature and Composition.
3. English B. English Speech and Usage.
 (Teachers course in advanced composition.)
4. English C. Reading and Story telling.
5. English D. Reading and Speaking.
 (Practical Course.)
6. English 51-52. Typical forms of English Literature
 or
7. English 53. Comparative Literature in English.
8. English E. Biblical Literature and History.

VI. THE TEACHING OF HISTORY.

1. Education 63-64. The Teaching of History in Elementary and High Schools.
2. History A. The History of Ancient and Medieval Civilization.
3. History B. Modern European History.
4. History 51-52. The Literature of American History.
5. History 53-54. Biblical History and Literature.

VII. THE TEACHING OF MATHEMATICS.

1. Education 65-66. The Teaching of Elementary and Secondary Mathematics.
2. Mathematics A. Solid Geometry.
3. Mathematics B. Trigonometry.
4. Mathematics C. Practical Mathematics.
5. Mathematics 51-52. History of Mathematics.

VIII. THE TEACHING OF FOREIGN LANGUAGES.

I. MODERN LANGUAGES.

(*a*) Education 67-68. Teaching Methods.
(*b*) French (French A.) (French B.)
(*c*) German (German A.) (German B.)

II. ANCIENT LANGUAGES.

Education 69. The Teaching of Latin in Secondary Schools.

IX. THE TEACHING OF SCIENCE.	1. Education 71-72. The Teaching of Nature Study. 2. Science A. Natural History. 3. Science B. Principles of Botany. 4. Science C. Geography and Physiography. 5. Science 51. Economics and Microbiology. 6. Education 109. Biology and Education. 7. Science D. Physiology and Hygiene.
X. THE TEACHING OF FINE ARTS.	1. Fine Arts A. (Music.) 2. Fine Arts B. (Drawing.)
XI. THE TEACHING OF PRACTICAL ARTS.	Manual Training A. & B. Domestic Art A. & B. Domestic Science A. & B.

SYNOPSIS OF COURSE OF STUDY.

I. College Course

FRESHMAN YEAR.		SOPHOMORE YEAR.	
English A	6 units	English B	6 units
Education 1 and 2	4 units	Psychology	6 units
Latin or Greek	6 units	Latin or Greek	6 units

The following additional courses must be taken to the number of 15 units in the Freshman and 18 units in the Sophomore Year unless they have been taken in work of approved grade in high school in which case other Academic studies to the equivalent number of units must be taken from the list of General Freshman and Sophomore Electives—

Biological Science 6 units	*1—One year only if based on 2 years of high school work, otherwise 2 years will be required.
Physics 6 units	
French or German *1 ... 12 units	
History *2 12 units	*2—Students may claim 6 units of exemption according to character of history work done in high school.

NOTE B.—Mathematics (6 units) must be elected sometime during this part of the course.

General Freshman and Sophomore Electives

Biblical History and Literature	History
Botany	Latin
Chemistry	Mathematics
English Literature	Nature Study
French	Physiography
German	Physiology and Hygiene
Greek	Zoology

JUNIOR YEAR

N. B. At the beginning of the Junior year, the student is expected to choose a major subject for specialization, in which he must complete, before graduation, at least 18 units of work, and a minor subject in which he must complete at least 12 units of work.

Prescribed Courses:

Education B. History of Education 6 units.
Education 52. Principles of Teaching 3 units
Education 51. Principles of Education 3 units.
Education 59-60. Logical and Sociological Bases of Education 6 units.

NOTE.—Starred (*) courses are courses open to Teachers College students in other departments of the University.

Electives to total 30 or 36 units:

Education 55-56. Child Psychology.
Education 1-2 K. Kindergarten Education.
English 51-52. English Literature.
English D. English Speaking.
Education 63-64. (Hist.)
Education 65-66. (Math.)
Education 71-72. (Science).
*Economics
*Botany.
*Chemistry.
*French.
*German
*Greek.
*Argumentation.
*Latin.
*Spanish.
*Zoology.

SENIOR YEAR

N. B.—All students are required to satisfy outstanding conditions before the end of the first semester of their senior year.

Prescribed Courses:

Education 53-54. Observation and Practice Teaching.... 3 units.
Education 107. Secondary Education..... 3 units.
Education 108. Elementary Education 3 units.

Electives:

English 53. Comparative Literature.
Education 101-102. School Administration.
Education 67-68. Teaching of Modern Languages.
Education 69. Teaching of Ancient Languages.
Education 71-72. Teaching of Science.
Education 103-104. History of American and Negro Education.
Education 109. Biology and Education.
*Botany.
*Chemistry and International Commercial Law.
*Economics.
*Greek.
*History.
*Political Science.
*Physics.
*Zoology.

NOTE—Starred (*) courses are open to Teachers College students in other departments of the University.

POST-GRADUATE WORK.

Graduate students choosing a major or minor in Education are required to make selection from the following, the amount and nature of the selections depending upon previous work done in Education:

History of Education.
Problems in Modern Education.
Administration and Supervision.
Biology and Education.
Principles of Education.
Principles of Teaching.
Advanced Educational Theory.

II. Two Year Courses.

Students who are planning to teach in Elementary Schools are given a diploma at the end of the second year of college work, upon the completion of a prescribed course.

A special course of two years is open to students planning to teach in Kindergartens.

COURSES LEADING TO A DIPLOMA IN ELEMENTARY EDUCATION

FIRST YEAR—REQUIRED

English A.	6
Physiology and Hygiene	6
Physiography and Nature Study	6
Teaching of Elementary Mathematics	6
History	6
Education 5-6	2

One elective to be chosen from the general electives.

SECOND YEAR

Literature of Elementary Schools	4
History of Education	4
Psychology and Child Study	6
Principles of Education	3
Elementary Education	3
Practice Teaching	3

One elective chosen from the general electives.

COURSES LEADING TO A DIPLOMA IN KINDERGARTEN EDUCATION

FIRST YEAR

English A.	6
Physiology and Hygiene	6
Kindergarten Theory	4
Kindergarten Education 3-4	4
Kindergarten Education 5-6	2
Kindergarten Education 7-8	2
Physiography and Nature Study	6

SECOND YEAR

History of Education	4
Psychology—Child Study	6
Principles of Education	3
Elementary Education	3
Practice Teaching	3
Literature for Elementary Schools	4

Before graduation all candidates for a diploma in Kindergarten Education must satisfy the director of her ability to play the piano.

DESCRIPTION OF COURSES OF STUDY

EDUCATION

Professor Moore, Miss MacLear and Professor Harvey.

I. Theory and Practice of Education.

Education 51. *Principles of Education*: This course is devoted to the study of the aims, values, content of education as revealed by biological, psychological, sociological and ethical principles. Prerequisite: General and Educational Psychology, History of Education.—Professor Harvey.

Education 52. *Technique of Teaching*: This course considers the application of the facts and principles of psychology and logic to teaching. Special attention is given to the various lesson types, moral training, and to class management. Prerequisites: General and Educational Psychology; History of Education.—Professor Harvey.

Education 101-102. *School Administration and Supervision*: This course is designed for principals, supervisors and teachers who wish

to prepare themselves for supervision and administration. It deals with the organization of school systems, work of school boards, superintendents, principals, and teachers, relation of the national government and the state to education, the economics of administration, school legislation, compulsory education and school hygiene.—Dr. Moore.

Education 53 and 54. *Observation and Practice Teaching*: By arrangement with the public school system of Washington, students are provided with excellent opportunities for observation and practice, under actual school conditions. Prerequisites: Secondary Education or Elementary Education.

Education 108. *Elementary Education*: Lectures and required readings. The object of this course is to present to the class special methods in teaching English, Geography, Arithmetic and History, for use in the primary and grammar grades. Prerequisites: Psychology and the Principles of Teaching, History of Education. All students electing this course must leave one forenoon hour free for practice teaching.—Assistant Professor MacLear.

Education 107. *Secondary Education*: Matter and method in high schools. While some time is given to the study of the functions and administration of secondary education, most of it is devoted to the study of the values, content, and methods of teaching the various high school branches. Each student is required to investigate thoroughly some phase of secondary education and present his findings to the class. Prerequisites: History of Education, Principles of Education, Technique of Teaching.—Dr. Moore.

II. Educational Psychology.

Education A. *Elementary Psychology*: A general study of mental processes. It is introductory to all work in philosophy and pedagogy, and aims to train the student to observe and interpret his own experiences and those of others.—Dr. Moore.

2. *Educational Psychology*: This course presents the facts of Psychology with reference to the particular problems presented to the teacher. Emphasis is given to the idea that all good teaching must agree with psychological laws, but that the knowledge of these laws is no guarantee of good teaching.—Professor Harvey.

Education 55-56. *Child Psychology*: This course on the physical and mental development of children is supplementary to the prescribed course in general and educational Psychology. It presents facts con-

cerning the nature and development of the child mind during childhood and adolescence, with special reference to the meaning of these facts to the teacher.—Assistant Professor Locke.

ADVANCED PSYCHOLOGY

Education 57-58. This course presupposes such a knowledge of Psychology as may be gained from Angell's Psychology, Calkin's Introduction to Psychology, or similar works. It will give more advanced work in Physiological Psychology, and an introduction to Experimental Psychology, a sketch of the history of Psychology. In treating the various aspects of this subject, its bearing upon the teaching profession will always be made prominent.—Dr. Harvey.

ADOLESCENCE

Education 58-A. This course will deal with the development of the adolescent along physical, mental, moral and social lines. It will dwell upon the place of sports, manual training, industrial education, social activities, methods of moral education.—Professor Harvey.

III. History and Philosophy of Education.

Dr. Moore, Miss MacLear, Assistant Professor Locke

Education B. History of Education: The design of this course is to develop in the student breadth of view by treating the history of education as a vital part of the history of civilization. It includes an account of political and social theories in so far as they affect education. Prerequisite: General Psychology.—Assistant Professor MacLear.

Education 1-2. *Elementary Pedagogy*: This is an introductory course to the general study of the problems of education. It surveys the aim, content, means, methods and results of education; gives an introduction to the study of the elementary processes of thought and conduct or elementary logic and ethics. Lectures, reports and text-books.—Dr. Moore.

Education 103-104. *History of Education in America*:

a. The first part of this course deals with the evolution of the public school systems of the states and cities, the various types and grades of schools—public, private and denominational. It discusses the recent reforms and present tendencies in American education.

b. The Education of the Negro: The second part of this course is given to the development of the Negro in America under the influence of Education. It studies the educational forces of the ante-bellum period, the work of societies and churches, the organization and development of schools for Negroes at the close of the Civil War, the various types of schools, their curricula and methods of administration, their re-adjustment to present sociological conditions and tendencies. Each student is assigned one topic for special investigation. Lectures, assigned readings, and reports.—Dr. Moore.

Education 105-106. *The Philosophical Basis of Educational Theory*: A comprehensive course in the historical and comparative study of education theory as showing the progressive stages in the philosophical, cultural and social aims of education. The educational classics from Plato and Aristotle to Herbart, Pestalozzi and Spencer will be reviewed.—Dr. Moore, and Assistant Professor Locke.

Education 59-60. *The Logical and Sociological Bases of Education*:

1st Semester. The problem of teaching as logical method, a study of applied logic, as it concerns the teacher and the practical problems of the classroom.

2d Semester. A systematic study of the relation of the school and education to society, and a study of the social ends and aims of education. The function of the school as modified by modern social and democratic ideals, and the practical efforts of modern education as a corrective agency over social conditions, especially with a view to the special demands of handicapped social classes, will be given special attention.—Assistant Professor Locke.

IV. Kindergarten Education.

Assistant Professor MacLear.

Education 1-2 K. *Kindergarten Theory*: This course is based on a study of Froebel's *Education of Man, Mother Play, Pedagagics of Kindergarten and Education by Development.* In addition, readings in modern educational theory will be required.

Education 3 and 4. *Gifts and Handwork*: This course is intended to give a mastery of the gifts and materials used in the Kindergarten by means of lectures, discussions, essays and practical work.

Education 5 and 6. *Songs and Games*: Lectures, practical playing of games and the study of Kindergarten songs.

Education 7 and 8. *Kindergarten Principles and Practice*: This course deals with practical work in the kindergarten, as well as a study of material available for use in the kindergarten and the making of typical programmes.

V. The Teaching of English Language and Literature.

Assistant Professor Locke and Miss Robinson.

Education 61-62. *The Teaching of English.*

(*a*) The English Curriculum of the Elementary School.

Detailed study of the elementary school course in English, with especial emphasis on methods of teaching. Such general questions as the problem of the place and value of the vernacular in education, the unity of the English branches, the conflict of modern with the traditional methods, will be discussed.

(*b*) The English Curriculum of the Secondary School.

A course in the teaching of High School English, treating the problems of the correlation of secondary with elementary school English, the teaching of the English Classics, and the study of formal composition. The Uniform College Entrance Requirements in English will be studied and discussed, and used as a standard for the High School curriculum.

Assistant Professor Locke.

2. English A. Composition and Literature.

An introductory course in practical composition and literary analysis; the types of composition selected will parallel the theme work which is the basis of the course.

Assistant Professor Locke and Miss Robinson.

3. English B.

English speech and usage for teachers.

A course in the essentials of English grammar, syntax, and idiom, treated both historically and systematically, and with a view toward perfecting a technical and standard knowledge of English, such as is necessary to effective teaching of the subject. Laboratory work in English composition, and corrective methods in English training.

Assistant Professor Locke.

4. English C. Reading and Story-telling.

Stories and Story Material: A general survey of appropriate literature for children, including folk and fairy-tales, history stories, nature stories, fables and poems; a classification of this literature for purpose of reference, through discussion and demonstration of the principles underlying the selection and presentation of stories to children.

Assistant Professor Locke.

5. English D. Reading and Public Speaking.

A course in oral interpretation and training of teachers in articulation, manner, class-room presentation, deportment, and the training of others in oral expression on a sound phonetic basis, are especially emphasized.

6. English 51-52. Typical Forms of English Literature.

This is a course in the development of appreciation and critical standards. It attempts a survey of the principles, forms of literature, such as the epic, the lyric, the ballad, the conte, the novel, the short story, and the like, on a background chiefly of English literature, with a view to establishing an appreciative and comparative basis for the teaching of the English Classics.

Theses, reading, and lectures.

Assistant Professor Locke.

Biblical Literature and History.

This course aims to give the student an appreciation of the Bible as Literature. There will be a survey of the historical and social conditions amid which the various books were written.

Dr. Harvey.

VI. The Teaching of History.

Associate Professor Dyson and Mr. Wesley.

Education 63-64. The Teaching of History in Elementary and High Schools.

The object of this course is—

(1) To aid teachers and general students of history, who have not had special training in modern historical study, through a presentation of the principles of historial composition.

(2) To present methods of historical instruction in the elementary school, the secondary school, academy and college.

(3) To discuss the special problems which arise in connection with this instruction.

Mr. Wesley.

ANCIENT AND MEDIAEVAL HISTORY

History A. I. Ancient and Mediaeval History.

The aim of this course is to acquaint the future teacher with the general history in outline of the Ancient or Mediaeval World.

(*a*) From a study of its Geography, (*b*) its people, (*c*) the rise and spread of Greek culture, (*d*) Roman Law and Order and (*e*) Christianity.

Discussion of text books, literature, methods of study and teaching, will be emphasized.

Associate Professor Dyson.

History B. Modern European History.

This course is intended to present a survey of the principal features of the development of Europe from the barbarian invasions to the present. Emphasis will be placed on the important epochs and periods of transition. The course will be conducted by lectures, student reports on special topics, discussion of the literature of the subject, methods of study and teaching. A fair knowledge of the General History of Europe is presupposed.

Mr. Wesley.

History 51-52. Literature of American History.

The object of this course is to organize the students' historical knowledge, and to develop an intelligent use of collateral material in the study and teaching of history. The development of America from the Discoveries and Explorations to the present time will be reviewed, in order to present a comprehensive view of the collateral material and the subject-matter. Special lectures will consider the contributions of the Negro to American Civilization. Lectures, collateral readings, special investigations, oral reports.

Mr. Wesley.

VII. The Teaching of Mathematics.

Associate Professor Brown.

Education 65. The Teaching of Mathematics in the Elementary School.

This course aims to give the student a comprehensive grasp of the theory and practice of teaching mathematics in the elementary school. The course treats: the history of teaching methods in arithmetic; present-day methods, and the critical study, grade by grade, of a typical course of study in arithmetic. Lectures, discussions and recitations.

Education 66. The Teaching of Mathematics in Secondary Schools.

A study of the pedagogical and educational aspects of high school arithmetic, algebra, geometry, and trigonometry, and the methods of presenting the same.

Prerequisites: one year of college mathematics.

Mathematics A. Teachers' Course in Solid Geometry.

The laboratory method will be largely used in this course. Special attention will be given to the development of the formulae and to the practical application of the subject. The subject-matter of Wentworth's *Solid Geometry,* Books VI, VII and VIII will be covered.

One semester.

Note.—Each student must be provided with mathematical instruments.

Mathematics B. Trigonometry and Surveying.

In this course the concepts and formulae of trigonometry will be approached from the graphical viewpoint, by the use of scaled drawings, tables, polar paper, etc. Most of the problems of elementary surveying will be included in the course, and the practical use of the chain, plane table, water level and the transit will be taught. Considerable attention will be given to plotting.

One semester.

Mathematics C. Practical Mathematics.

A semi-professional course intended primarily for students who are specializing in mathematics and wish to develop skill and facility in computation. Some of the topics treated are as follows: The graphical use of coordinate paper; the practical determination of areas, volumes,

etc.; the correction of errors; rates of increase; methods of computation in general, including the theory of construction and use of the transit, slide rule, planimeter, sextant, etc.

MATHEMATICS 51-52. HISTORY OF MATHEMATICS.

This course aims to outline, in a general way, the historical development of the elementary branches of mathematics—arithmetic, algebra, geometry, and trigonometry—from ancient times to the present.

Prerequisites: one year of college mathematics.

VIII. THE TEACHING OF FOREIGN LANGUAGES.

EDUCATION 67-68. THE TEACHING OF MODERN LANGUAGES.

French conversation; lectures on teaching methods; essays and dictation; observation and practice teaching. (Open to Juniors and Seniors who have had two years of French.)

Mr. Wesley.

FRENCH A. ELEMENTARY FRENCH.

The aim of this course is to give the student a firm grasp of the essentials of the French grammar and language, which are regarded as necessary in foreign-language study and teaching. Reading and conversation are urged from the beginning. A correct pronunciation is attempted through the use of the phonetic alphabet, and through the imitation models presented by the Instructor.

Mr. Wesley.

FRENCH B. ADVANCED FRENCH GRAMMAR AND COMPOSITION.

3. German A. Elementary German.
German B. Advanced German.

EDUCATION 69. THE TEACHING OF LATIN IN SECONDARY SCHOOLS.
(Not available 1914-15.)

IX. THE TEACHING OF SCIENCE.
PROFESSOR TURNER.

EDUCATION 71-72. TEACHING OF NATURE STUDY.

This course will consist of lectures, discussions, readings, laboratory and out-door work. It will deal with the aims, materials, and graded courses of *nature study, school gardening* and *elementary agriculture.*

(2) Science A. Biological Nature Study.

ANIMAL AND PLANT NATURAL HISTORY

This is a general course in the nature study of common plants and animals.

The names, life-histories, habits, relation to man, and other facts of popular interest concerning living organisms are given special attention.

Professor Turner.

(3) Principles of Botany.

This course aims to present largely through laboratory exercises the fundamental principles of Botany. The higher plants are traced in their development from seed to flower; special effort being made to correlate the study of the morphology and physiology of the various parts.

The morphology, evolution and classification of the cryptogams will be studied briefly. Throughout this course the economic relations of Botanical study, the work of the higher and the lower plants in nature will be emphasized.

Professor Turner.

Science C. (4) Geography and Physiography.

(a) Physiography.

This is a general advanced course treating of the physical features of the earth's surface and their influence upon man.

(c) Teaching of Geography in Elementary and Secondary Schools.

This course consists of a detailed study of the subject matter of secondary school courses; it deals with the problems of teaching Geography, with special emphasis on laboratory work.

Mr. ———

Science D. (5).

ECONOMIC MICROBIOLOGY

This course is designed to give the pupil an acquaintance with the structure, life history and economic importance of the common micro-organisms which affect our daily lives, such as bacteria, yeasts, moulds, and other fungi. It will consider the relation of micro-organisms to the practical problems of public health and disease.

(6). Education 109. Biology and Education.

This is an advanced course and presents the leading facts and

generalizations of Biology. It is a study of the educational significance of the principles of evolution, heredity, embryology, and general physiology. It will give a part of the time to the teaching of Biology in secondary schools.

This course is open to graduates and to qualified seniors. One semester.

PHYSIOLOGY AND HYGIENE.

This course aims to meet the needs of those who may be called upon to teach Physiology in Secondary Schools. It forms a basis for work in Psychology and Education; and supplies the student with a knowledge of the structure and functions of the human body.

Lectures, 2 hours. Laboratory, 2 hours.

X. TEACHING OF FINE ARTS.

ASSOCIATE PROFESSOR BROWN AND MISS CHILDERS.

FINE ARTS A. MUSIC.

This course gives a knowledge of music as used in schools. It involves the learning of common notation; the choice of rote songs; the training of school choruses. Not available 1913-14.

FINE ARTS B. DRAWING.

The work of this course is intended to prepare teachers to illustrate their school work by an appeal to the eye.

Associate Professor Brown.

XI. DOMESTIC SCIENCE AND ART.

MRS. IRVIN AND MISS JACKSON.

For information concerning teachers' training courses in these subjects, consult the section of the catalogue under the School of Manual Arts and Applied Sciences, Department of Home Economics.

TEACHERS' EMPLOYMENT BUREAU

The college maintains a bureau under its direction to assist students and graduates in securing positions as teachers and, at the same time, to aid superintendents and boards of education in securing competent teachers. For information, address the Dean of the Teachers College.

EXTRA CURRICULUM ACTIVITIES

In addition to the required work of the curriculum many opportunities are open to students for the development of their literary, physical

and religious life. A splendid library is maintained by the University. Athletics are encouraged and literary societies and clubs conducted by the students with the encouragement of the faculties of the University. A large vested University Choir, Glee Club, University Band and Orchestra give opportunities for specific development in these lines. The Y. M. C. A. and Y. W. C. A., Temperance societies and Culture clubs are maintained by the students of the University.

The expenses of living in Washington are small in comparison with the many opportunities offered here and self-help is encouraged.

For further information concerning the Teachers College, address,

President of the University, or Dean L. B. Moore.

THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES

FACULTY

STEPHEN M. NEWMAN, D. D.,
President.
FRANK H. BURTON, C. E.,
Director, and Instructor in Civil Engineering.
THOMAS W. TURNER, A. M.,
Professor of the Teaching of the Biological Sciences.
HELEN B. IRVIN,
Instructor in Domestic Science.
CHESTER A. LYLE,
Instructor in Printing.
HAROLD D. HATFIELD, B. S.,
Instructor in Mechanical Engineering and Woodworking.
HAROLD A. HAYNES, B. S. in E. E.,
Instructor in Electrical Engineering.
MABEL M. JACKSON,
Instructor in Domestic Arts.

GENERAL STATEMENT

The School of Manual Arts and Applied Sciences furnishes thorough courses in Manual Training, Home Economics, and Engineering. Its work is correlated with that of other departments of the University. It thus furnishes facilities for instruction in Manual Training and Engineering to a large number of students in those departments.

EQUIPMENT

The department has for its use the new Manual Arts and Applied Sciences building. In the basement are the engineering laboratories, as well as the large general drafting room. The woodworking department occupies the second floor, while on the third floor are the department of Home Economics, recitation rooms, and the office of the

director. In the basement of Spaulding Hall, which adjoins the new Manual Arts and Applied Sciences building, is situated the Printing Office, some storage rooms, and the blacksmith shop. Both buildings are lighted by electricity, and supplied with steam heat from the central heating plant of the University. Power is furnished to all machines by electric motors.

GENERAL INFORMATION

All special fees in the School of Manual Arts and Applied Sciences have been abolished. For regular fees, see Expenses, page 29. The requirements for admission to the higher courses in Manual Arts, Home Economics, and to Engineering are the same as those for admission to the courses in Teachers College and the College of Arts and Sciences or an equivalent. These require the completion of the four years' work or its equivalent in our Academy or some reputable high school. A certificate will be given on the completion of the two years' course. Academy courses are also offered in Home Economics to students who have completed the first year's work in the Academy or its equivalent.

MANUAL ARTS

COURSES FOR TEACHERS COLLEGE

A two years' course for the Teachers College means the completion of at least thirty points of work, fifteen each year. A point of work means two hours of laboratory or shop work, or one hour of lecture or recitation work each week during the school year. The courses provide for a thorough technical training, lectures, readings, recitations, and investigations in each subject studied.

EQUIPMENT

The woodworking room is equipped with twenty-four individual manual training benches, with rapid action vices, and complete sets of woodworking tools. Fifteen turning lathes have also been installed, and a Hobbs' buzz planer and jointer. A Hobbs' surface planer and Hobbs' double saw bench have recently been added to the equipment of this room, as well as an Oliver band saw.

The University Printing Press has been placed on a modern basis and provides an excellent training school for those who wish to learn printing as a profession. This purpose is realized by general and basic instruction in those things which each year it is becoming more difficult for an ap-

prentice to obtain in the restricted and specialized conditions of the modern work shop. The course of study includes book, commercial, and advertising composition, cylinder and platen press work. The school is equipped with an Optimus press, Golden "Jobber No. 9" press, and smaller presses, Roman and display types of up-to-date faces, and the usual facilities of a modern office. In addition to the class work, employment is given to a large number of students in printing.

In the blacksmith shop will be found the usual equipment, including six forges with forced draft, anvils, heavy shears for cutting iron, machine lathes, emery wheel, etc.

Plans are being made for a new building to contain the blacksmith shop and a foundry.

OUTLINE OF COURSES

FIRST YEAR

	Points
*Psychology and Educational Psychology	3
*English	3
Study of Materials, Tools and Methods	2
Woodwork	2
Printing I and II	2
Mechanical Drawing	1
Freehand Drawing	1
Wood Turning	2
Mathematics	3

SECOND YEAR

	Points
*History of Education	3
Pattern Making	1
Costs and Plans of Equipment	1
Forging	1
Machine Design, Elementary	3
Theory and Practice of Teaching Manual Arts	1
Mathematics	3
Foundry	1
Machine Shop	2
Printing III	2

*Given in Teachers College.

MANUAL TRAINING

FOR ACADEMY CLASSES

All students in the Junior and Sub-Middle years of the Academy are required by the trustees to give four hours each week to Manual Training, not, however, for the purpose of learning a trade, but for its value in a general education.

JUNIOR CLASS

	Points
Freehand Drawing	1
Woodwork	1
Printing I.	1
Domestic Science I	1
Domestic Art I	1
Forging	1

SUB-MIDDLE YEAR

	Points
Wood Turning	1
Mechanical Drawing "A"	1
Foundry	1
Domestic Science II	1
Domestic Art II	1
Printing II.	1

DESCRIPTION OF COURSES

WOODWORKING.

This course embraces a series of progressive exercises outlined by blue prints; the use and care of the different tools, etc. In the second semester, the application of the principles of the joints made in the first semester is shown in the construction of useful articles in furniture, and also in building construction. Two hours a week are devoted to talks on the identification of the common woods, and wood technology.

STUDY OF MATERIALS, TOOLS AND METHODS.

The course consists of lectures, recitations and assigned readings on the methods and equipment used in the modern Manual Training schools.

PRINTING I.

The study of type, its composition, including Roman and display types

of various styles; its features and value. General study of the principles and methods of materials and their usage. Actual work in straight composition.

PRINTING II.

Commercial and advertising composition, platen press work and the study of machinery pertaining to printing. This course is designed with the idea of aiding students who are desirous of furthering their knowledge in printing toward taking up the work as a profession. It is a combination of theoretical and practical instruction.

WOOD TURNING.

The course consists of a series of progressive exercises of teaching the student the use and care of wood turning tools, and lathe work. Exercises involving the various methods of turning between centers, face plate, and chuck work. In the second semester, the work includes a series of advanced exercises in carpentry and joinery suitable for high schools and normal schools. Original projects designed and executed by the student. Prerequisite, Woodwork. Text: Resides & Diemer.

COSTS AND PLANS OF EQUIPMENT.

Lectures and required readings, related to high school equipment. Drawing of plans of rooms and estimating cost of equipment.

FORGING.

Care of the forge fire, heating, drawing out, bending, upsetting, heading, swagging, simple welding, elementary work in steel.

FOUNDRY.

Moulding and casting of patterns, the casting being done in soft metal.

THEORY AND PRACTICE OF TEACHING MANUAL ARTS.

A course of lectures and recitations with practical demonstrations.

PRINTING III.

Book composition, stone work, and cylinder press work; cost system; study of paper. This is an advance course designed principally for students who have completed Printing I and II.

MACHINE DESIGN, ELEMENTARY.
See Mechanical Drawing II, under Mechanical Engineering.

MECHANICAL DRAWING I.
See courses in Civil Engineering.

MECHANICAL DRAWING "A."
Materials and their uses; constructive work in simple design for practice in accuracy in ink and pencil; geometrical problems.

FREEHAND DRAWING.
Expressing simple forms by lines; drawing of geometrical figures; study of the position and proportion of figures; freehand and mechanical perspective; object drawing and shading from models.

HOME ECONOMICS

In response to the increasing demand for well-trained teachers of Domestic Science and Domestic Art, this department offers to graduates of secondary schools liberal technical and vocational courses of four and two years length respectively. These courses are based on broad science training and are equivalent in standards for graduation to the literary courses of equal duration offered in other departments of the University.

Students satisfactorily completing the courses in Domestic Science and Domestic Art receive these University credentials:

After four years, the degree of Bachelor of Science and the diploma in Domestic Science or Art.

After two years, teachers' certificates in Domestic Science or Art.

The department also offers to those of lesser academic preparation two years of strong practical work which shall enable such persons to apply, capably, the simple foundation-principles of science to those household problems whose solution tends toward the betterment of human life.

Also, for groups of special students from other departments of the University, as prospective kindergarteners, grade teachers, nurses, or candidates for purely academic degrees, work in Sanitation, Nutrition, Dietetics, and certain technical laboratory courses may be had.

Correlated courses of academic character and college grade, some of which are required of candidates for certificates, diplomas and de-

grees in Home Economics, are offered in the school of Liberal Arts. Similarly allied work of secondary grade is given in the Academy.

Two hours of laboratory work count as one hour of theory.

OUTLINE OF COURSES

DOMESTIC SCIENCE

FRESHMAN YEAR

First Semester		Second Semester	
Applied Biology or Human Physiology	4 hours	Applied Biology or Human Physiology	4 hours
Foods and Cookery	4 "	Foods and Cookery	4 "
Nutrition	2 "	Food Production and Manufacture	2 "
Shelter	1 "	Sanitation	2 "
*English I	3 "	*English I	3 "
*Psychology	3 "	*Educational Psychology or Child Study	3 "
Domestic Art III and IV	4 "	Domestic Art III and IV	4 "
*Chemistry I	3 "	*Chemistry I	3 "

SOPHOMORE YEAR

First Semester		Second Semester	
Menus and Dietaries	2 hours	Invalid Cookery, etc.	2 hours
Microbiology	2 "	Elementary Food Chemistry	2 "
Household Economics	1 "	Home Nursing, First Aid	1 "
Theory of Teaching Domestic Science	1 "	Practice Teaching	2 "
Theory of Teaching Domestic Art	1 "	Sex Hygiene	1 "
*History of Education	3 "	*History of Education	3 "
*Principles of Education	3 "	*Elementary Education	3 "

JUNIOR YEAR

*Chemistry III	3 hours	*Chemistry III	3 hours
*Economics	3 "	*Economics	3 "
*English II or B	3 "	*English II or B	3 "
*Principles of Education	3 "	*Principles of Teaching	3 "
Demonstration Cookery	3 "	Institutional Cookery	3 "
*German or French	3 "	*German or French	3 "
Pedagogy of Domestic Art	1 "	Practice Teaching in Domestic Art	2 "

*Given in College of Liberal Arts.

SENIOR YEAR

Food Analysis or Physiological Chemistry	6 hours	Food Analysis or Physiological Chemistry	6 hours
*Secondary Education	3 "	Elementary Education	3 "
*German or French	3 "	*German or French	3 "
Experimental Cookery	3 "	History of Cookery	2 "
Pedagogy of Home Economics	1 "	Practice Teaching	2 "

Electives, each year to total a minimum of 30 units.

TWO-YEAR COURSE

Candidates for certificates in Domestic Science teaching are required to complete the work outlined for the Freshman and Sophomore classes.

ACADEMY COURSES

The required work in Domestic Science for students in the Academy consists of Domestic Science I for the Juniors and Domestic Science II for the Sub-Middle class.

DESCRIPTION OF COURSES

DOMESTIC SCIENCE

DOMESTIC SCIENCE I.

This course includes a study of the body, its compostion, its demands, the need for obedience to natural laws, means of heeding these laws through the careful selection, preparation and serving of foods and through general hygienic living, the acquaintance with and care of a model household equipment, the economic use of material, of time, and of energy.

DOMESTIC SCIENCE II.

This course covers acquaintance with the house in general: its equipment as adapted to modern conditions, its arrangement and care; sanitation, personal and general; first-aid in emergencies; the classification of foods; principles underlying the cookery and use of proteins, carbohydrates and fats; combining foods; menu-making and the preparation of meals; prevention of waste; reducing the cost of food; the purchasing, storage and preservation of foods.

*Given in College of Liberal Arts.

Courses I and II are especially designed to meet the requirements of students in the Academy, and require two hours each week throughout the year.

Parallel courses recommended are Elementary Chemistry, Biology, Physiology, and Physics.

III. (a). Foods and Cookery.

This is a broad, strong foundation-course whose purpose is to give a general acquaintance, on a scientific basis, with the principles underlying the preparation of foods and the technique involved. The course includes a study of the selection, preparation and use of foods; tests of laws regulating food-sanitation; weights and measures; fuels, utensils and apparatus. It demands a minimum of four laboratory hours per week and is required of all candidates for Home Economics degrees, diplomas, and certificates. Text: Foods and Dietetics, Hutchinson (Revised).

III. (b). Menus and Dietaries.

A study of the food-principles and their combinations with reference to the requirements of age, sex, occupation, physical and physiological conditions, climatic surroundings, esthetics; planning suitable food for individuals and groups, for all conditions and occasions; regulating the cost of food, economy of time, labor, expense. Lecture, laboratory, and quiz, two hours per week.

III. (c). Invalid Cookery.

On the foundation of III (a), this course covers the preparation and service of food for the sick and convalescent, particularly in the home. Lectures in general home-nursing and demonstrations covering first-aid in emergencies alternate with the laboratory work. Two hours weekly.

III. (d). Demonstration Cookery.

The aim of this course is to give students the sort of practical experience that develops certainty and ease of method for the classroom, lecture-platform, or other demonstration work. Careful choice of subject, arrangement of material and equipment, general appearance and other psychological phases of domestic science teaching are noted. Two hours per week. Required of all candidates for degrees.

III. (e). Institutional Cookery.

This course considers the handling of material in large quantities, as in preparing meals for boarding-schools, hospitals, etc. The school lunch problem is here considered. Lecture and laboratory, two hours weekly.

III. (f). Experimental Cookery.

This is an advanced course in the preparation of foods and includes a careful comparative study of materials and processes and the development of satisfactory recipes and methods therefrom. Prerequisite, III (a). Three hours weekly.

IV. Food Production and Manufacture.

The purpose of this course is to acquaint students with the sources of foods and of the processes involved in preparing them for the consumer. It covers a study of farm-products of all climes, of live-stock, butchering and dairying; of the manufacture of animal and vegetable products and their preservation and adulteration. Lecture and reading course.

V. Nutrition.

A lecture course involving a study of the food-principles and their digestion, absorption, and assimilation in the healthy body; a consideration of the kinds and amount of food required; dietary standards; the calorimeter.

VI. Shelter.

The house;—history of its development; its foundation, architectural style, plan, convenience, sanitary condition, equipment, care, administration. Lecture and reading course.

VII. Elementary Food Chemistry.

This course covers a series of lectures and of about seventy experiments in which food-principles are isolated from market-products, and both household and laboratory tests (chiefly qualitative) applied. A few of the topics are; water, milk, eggs, flour, baking-powders, fats, and oils; characteristic reactions of food-stuffs.

VIII. (a). Theory of Teaching Domestic Science.

VIII. (b). Practice-Teaching.

IX. (a). The Pedagogy of Economics.

IX. (b). Practice-Teaching (Advanced).

X. The History of Cookery.

Applied Biology.

This course aims to select from the fields of Botany, Zoology, and Human Physiology the essential materials and facts which may find application in the daily life of the average intelligent citizen. Biology as applied to food, to clothing, to agriculture, and to health and disease will be emphasized. Four hours (two double periods) per week throughout the year.

Bigelow's Applied Biology will be used as a guide.

Economic Microbiology.

This course is designed to give the pupil a larger acquaintance with structure, life history, and economic importance of micro-organisms which affect our daily lives, such as bacteria, yeasts, moulds, and other fungi of the home and home environment. It will consider the relation of micro-organisms to the industries on vinegar-making, dairying, agriculture, preservation of food, as well as the problem of health and disease.

One double period for one semester. Buchanan's Household Bacteriology will be used as a text.

Physiology and Hygiene.

See description under Teachers College.

Sex Hygiene.

This course deals with the origin, meaning, and evolution of sex in organic life. Plant material will be used for illustration. It will also give the pupil the correct attitude towards such present day problems as Eugenics, Social Hygiene, and Infant Mortality.

Offered to Seniors who have taken Applied Biology or its equivalent. Lectures and assigned readings, one hour per week for one semester.

DOMESTIC ART

Four year courses leading to a degree and diploma, will be arranged for at the request of three or more students prepared for such work. Requirements for the two-year course leading to teachers' certificates in Domestic Art are as follows:

OUTLINE OF COURSES

Domestic Art

FRESHMAN YEAR

First Semester		Second Semester	
Hand and Machine Sewing	3 hours	Hand and Machine Sewing	3 hours
Art Needlework	1 "	Art Needlework	1 "
Basketry	2 "	General Weaving	2 "
History of Textiles	1 "	Chemistry of Textiles	1 "
Domestic Science III	4 "	Domestic Science III	4 "
*Freehand Drawing	2 "	*Freehand Drawing	2 "
*English I	3 "	*English	3 "
*Psychology	3 "	*Educational Psychology	3 "

SOPHOMORE YEAR

Dressmaking and Tailoring	4 hours	Dressmaking and Tailoring	4 hours
Millinery / Advanced Art Needlework	2 "	Millinery / Advanced Art Needlework	2 "
History of Costume	1 "	Costume Design	1 "
Theory of Teaching Domestic Art	1 "	Practice Teaching	2 "
Theory of Teaching Domestic Science	1 "	*History of Education	3 "
*History of Education	3 "	*Elementary Education	3 "
*Principles of Education	3 "		

Electives, each year to total a minimum of 30 units.

PREREQUISITES

Prerequisites for all certificates or degree courses in Domestic Science and Art are graduation from a secondary school of good standing, with one year each of Physics and Chemistry.

Correlated academic courses are the same for two-year students in Domestic Art as for Domestic Science students.

*Given in College of Liberal Arts.

Electives from any department of the University in which a student may show ability to work may be added to the required courses, to complete a minimum of thirty units credit in each of the four years.

ACADEMY COURSES

The required work in Domestic Art for students in the Academy consists of Domestic Art I for the Juniors and Domestic Art II for the Sub-middle class.

DESCRIPTION OF COURSES

DOMESTIC ART

I. Plain Sewing.

Instruction in simple needle-work; stitches and their uses; care of the sewing machine and the attachments; the making of underwear and the study, as to suitability, cost and durability, of textiles appropriate for this purpose. For recreation and to awaken artistic interest, basketry and the elements of embroidery are taught in intervals between the making of required garments. Two hours per week. This course is required of Juniors in the Academy, and is open to other persons without a knowledge of sewing.

II.

A continuation of course I, which covers the planning, cutting, fitting, making and trimming of simple unlined outer garments from patterns and drafts. A short course in Millinery furnishes the desired variety here. Textile-study is continued, and color combination taught. Two hours per week required of students of the Sub-Middle class.

III. (a). and III. (b). Machine Sewing and Elementary Dressmaking.

This course covers the designing and making (from bought and drafted patterns) of all kinds of under-garments, shirtwaist-suits of cotton and linen goods, unlined dresses of wash-goods, soft wool and silk, with a careful selection of the material chosen and the combination for trimming. Required of all candidates for certificates and open to other persons who can present evidence of ability to do the required work. Three hours per week throughout the year.

IV. (a). and (b). Art Needlework.

Embroidery and drawn work; application of ornamental stitches to articles of personal and household use; the ornamentation of gowns

and their accessories; marking household linens. One hour per week, entire year.

V. Basketry and General Weaving.

The making of rattan, reed, rush, raffia, and sweet-grass articles of Indian design, including rugs.

VI. (a). History of Textiles.

The study of textiles in connection with their origin and development through the art and industries of primitive people. Study of spinning, weaving, dyeing, etc. Lectures, one hour weekly, first semester.

VI. (b). Chemistry of Textiles.

Effect of heat, light, moisture, acids, etc., upon fabrics. Dyeing; mordaunts. Adulteration-tests; effect on appearance; upon wearing qualities. Laboratory, two hours per week.

VII. Dressmaking (Advanced).

The making of lingerie and silk waists, and lined evening dresses from original designs and drafts. Four hours per week, first semester. Prerequisites, Domestic Art III, IV, and XI.

VIII. Tailoring.

The making of tailored dresses and suits. Prerequisites, D. A. VII. Four hours per week, second semester.

IX. (a) and (b). Millinery.

For this course, six weeks from the autumn and six from the spring term are used, in order to secure the advantage of spring and fall styles and of work on all types of materials. It includes the making and covering of frames, the choice and combination of colors, the preparation of trimmings, renovating of material, trimming and finishing of hats.

X. (a) and (b).

Crocheting and knitting, in wool, cotton, linen, and silk thread; the study of webs and laces and the copying of certain approved designs. This course alternates with D. A. IX, completing the required number of hours work in each term.

XI. (a). History of Costume.

Study of historic costume and its relation to modern dress. Standards of beauty; of practicability.

XI. (b). Costume Design.

A study of line, proportion, form and color in gowns, and their relation to individuals; considerations of cost and appropriateness; drafting.

XII. (a). Theory of Teaching Domestic Art.

XII. (b). Practice-Teaching.

APPLIED SCIENCES

CIVIL ENGINEERING, MECHANICAL ENGINEERING, ELECTRICAL ENGINEERING AND ARCHITECTURE

Students completing the course in Civil Engineering, Mechanical Engineering, or Electrical Engineering will receive the degree of Bachelor of Science in Engineering. Those completing the course in Architecture will receive the degree of Bachelor of Science in Architecture. Upon the completion of two years of subsequent graduate studies, consisting of prescribed courses and research approved by the Faculty, in Civil Engineering, Mechanical Engineering, and Electrical Engineering, the degree of C. E., M. E., and E. E., respectively will be conferred.

EQUIPMENT

The new Manual Arts and Applied Sciences building contains on the third floor two large engineering lecture rooms. The engineering laboratories, as well as the large general drafting room, are in the basement.

The testing laboratories contain a 100,000 lb. motor driven Riehle testing machine for extension, compression, traverse and shearing tests; a vertical steam engine; an Otto gas engine; a Riehle cement tester; cement and sand sieves; balances, apparatus for indenting and specific gravity determination, moulds and clamps for briquette work, tanks for keeping same under water, ovens for drying and boiling specimens, etc. Through the courtesy and interest of the United States Geological Survey the equipment for civil engineering work is most complete, in-

cluding planimeters, scales, slide rules, drafting sets, sextants, blue print apparatus, aneroid barometers, leveling rods, steel tapes, several plane table boards, several levels, including a Berger 15″ dumpy level, an 11″ micrometer theodolite; one Young & Sons solar transit; one Gurley complete transit; several sight and telescopic alidades, compasses, etc.

The electrical engineering laboratories are in the basement and on the second floor of Science Hall, including private laboratories and workshop, storage-battery room, photometer room, a large well lighted dynamo room adjoining the storage battery room, and a laboratory with concrete piers for accurate electrical measurements. The present equipment includes standards of resistance, inductance, and capacity, D'Arsonval and Ballistic galvanometers, direct and alternating ammeters and voltmeters, Siemen's and Halske potentiometer and electrodynamometer, Thompson electrostatic voltmeter and electric balances, sechometer, magnetometers, wheatstone and slide wire bridges, bank resistances, etc.

In the dynamo room a 10 K. W. Rotary Converter has been installed. This is run as an inverted Converter on the 220 volt direct current supplied by the Universtiy power plant and furnishes alternating current of various phases for laboratory and testing work; also to run a 10 H. P. and two 5 H. P. induction motors. A direct current shunt generator is belted to the converter. When this is run as a motor, the converter can be brought up to its indicated speed and delivers both alternating and direct current. A small compound direct current generator has also been installed as well as a 3 K. W. transformer. Recently a 10 H. P. compound motor has been belted to the converter. This can be used to run the converter or can be run as a direct current shunt or compound generator using the converter as a motor. Separate fields can be used so that this may also be used as a series generator or motor. A small alternator with rotating fields will be in place at an early date. Two large lamp banks are used for loading the generators and two switchboards, supplied with D. C. and A. C. ammeters, voltmeters and wattmeters facilitate the regular tests made on electrical machinery before leaving the factory.

This laboratory is also equipped with a large motor driven drill press, a machine lathe, and a standard motor head, wood lathe, etc.

The forge shop, lathes, and woodworking department are open to engineering students. The large central heating, lighting and power plant of the University, constructed at an estimated cost of $80,000, is

equipped with the most modern machinery, and is one of the most important factors in the training of engineers. This furnishes facilities for running steam and electrical machinery tests on a much larger scale than would be possible under ordinary conditions. Recently the whole heating system of the University has been modernized and is available at all times for study and testing purposes.

GENERAL INFORMATION

The work for the Freshman year is the same for all engineering students. Three hours of laboratory, drafting, or field work count as one hour of lecture or recitation work. For each course including laboratory, drafting or field work, a fee of $2.00 is charged to cover cost of material. Each student supplies his own drafting instruments. Drawing paper is furnished by the University. As an effort is made to have the student secure such text-books and instruments as will be of use to him later in professional life, the cost of these books and instruments will be somewhat high, and the student should come prepared to meet this extra expense. The approximate cost of books and instruments will be about $25 a year. For other regular University fees, see Expenses, p. 29.

OUTLINE OF COURSES

Civil Engineering

FRESHMAN YEAR

First Semester		Second Semester	
*Mathematics I (a)	3 hours	*Mathematics II (a)	3 hours
*Mathematics I (b)	3 "	*Physics I	3 "
*Physics I	3 "	*Mathematics II (b)	3 "
*French I or German I	3 "	*French I or German I	3 "
*English I	3 "	*English I	3 "
*Chemistry I	3 "	*Chemistry I	3 "
Mechanical Drawing I	3 "	Descriptive Geometry	3 "

During the first term there will be offered to the Freshman (but without credit) a course of weekly lectures devoted to a general discussion of the field of engineering.

SOPHOMORE YEAR

*Mathematics III (a)	6 hours	*Mathematics III (b)	6 hours
*Physics II	3 "	*Physics II	3 "
Elementary Surveying	3 "	Advanced Surveying	3 "
*Geology I	3 "	*Chemistry II	3 "
*Chemistry II	3 "	Topographical Drawing	3 "

*Given in College of Arts and Sciences.

JUNIOR YEAR

Railroads	3 hours	Railroads	3 hours
Mechanics of Engineering	6 "	Mechanics of Engineering	6 "
*Economics	3 "	*Economics	3 "
Materials of Construction	4 "	Hydraulics	3 "
Roads and Pavements	2 "	Sanitary Engineering	3 "

SENIOR YEAR

Bridge Stresses	3 hours	Bridge Design	4 hours
Structural Details	2 "	Irrigation Engineering	4 "
Water Supply	4 "	Specifications and Contracts	3 "
Thermodynamics	3 "	Electives	4 "
Dynamo Electric Mach.	3 "	Thesis	3 "
Reinforced Concrete Construction	3 "		

MECHANICAL ENGINEERING

SOPHOMORE YEAR

First Semester		Second Semester	
*Mathematics III (a)	6 hours	*Mathematics III (b)	3 hours
*Physics II	3 "	*Physics II	3 "
Mechanical Drawing II	3 "	Mechanical Drawing II	3 "
Mechanism	2 "	Mechanism and Valve Gears	2 "
Forging	1 "	Foundry	1 "
*Chemistry II	3 "	*Chemistry II	3 "

JUNIOR YEAR

Mechanics of Engineering	6 hours	Mechanics of Engineering	6 hours
Thermodynamics	3 "	Heat Power Engineering	3 "
Machine Design	3 "	Machine Design	3 "
Pattern Making	2 "	Machine Shop	2 "
Materials of Construction	4 "	Engineering Laboratory	2 "
		Industrial Management	2 "

SENIOR YEAR

Machine Shop	2 hours	Hydraulics	3 hours
Dynamo Electric Machinery	3 "	Alternating Current Theory	3 "
Engineering Design	3 "	Engineering Design	3 "
Engineering Laboratory	3 "	Engineering Laboratory	3 "
*Economics	3 "	*Economics	3 "
Elementary Surveying	3 "	Steel Buildings	4 "
Metallurgy	1 "		

*Given in College of Arts and Sciences.

ELECTRICAL ENGINEERING

SOPHOMORE YEAR

Same as for Mechanical Engineering.

JUNIOR YEAR

Dynamo Electric Machinery	3 hours	A. C. Theory	3 hours
E. E. Laboratory	2 "	E. E. Laboratory	2 "
Mechanics of Engineering	6 "	Mechanics of Engineering	6 "
Machine Design and Drawing	2 "	Machine Design and Drawing	2 "
*Economics	3 "	*Economics	3 "
Pattern Making	2 "	Machine Shop	2 "

SENIOR YEAR

First Semester		Second Semester	
A. C. Machinery	3 hours	A. C. Machinery	3 hours
E. E. Design	3 "	E. E. Design	3 "
E. E. Laboratory	2 "	E. E. Laboratory	2 "
General Electrical Engineering	3 "	General Electrical Engineering	3 "
Electric Wiring of Buildings	2 "	Hydraulics	3 "
Inspection Visits and Reports	1 "	Thesis	4 "
Thermodynamics	3 "		

ARCHITECTURE

The course in Architecture is being revised and will be offered later.

DESCRIPTION OF COURSES

Civil Engineering

Mechanical Drawing I.

Freshmen: First term, credit three hours. Nine hours of drawing a week. Use of instruments; drawing of geometric figures in isometric, cabinet, and orthographic projection. Shading is taught for a two-fold object, viz.: effect on the drawing, and preparation for Descriptive Geometry. Considerable attention is given to lettering.

*Given in College of Arts and Sciences.

Descriptive Geometry.

Freshmen: Second term, credit three hours. Nine hours of drawing a week. This course covers the orthographic projection of points, lines, warped surfaces, etc., in the four angles of projection. Care is exercised to train the student to handle the figures in space rather than on the drawing, at the same time securing correct execution of the drawing.

Elementary Surveying.

Sophomores: First term, credit three hours. Instruction is given in the theory of surveying, and in the theory and use and adjustment of the compass, level, transit, plane table, and sextant. The field work includes pacing and chaining surveys; compass and transit traverses; measurement of angles by repetition; differential, profile, and contour levelling; traverses with the plane table, etc. Maps and reports are required.

Advanced Surveying.

Sophomores: Second term, credit three hours. Prerequisite, Elementary Surveying. City, topographic, hydrographic, mine, and geodetic, surveying, and field astronomy. Precise measurements; surveys of the United States Public Lands; soundings and stream measurements; subterraneum surveys; measurements of volumes; triangulation; base lines; precise levelling; field determinations of azimuth, time, and latitude.

Topographical Drawing.

Sophomores: Second term, credit three hours. Prerequisite, Mechanical Drawing I and Descriptive Geometry. Detail and dimension drawing, which includes tracing of typical dimension drawings, and making detail drawing from sketches, models, etc. Topographic signs, which includes practice in the different kinds of standard topographic signs for mapping. Lettering, which includes a study of and practice in different styles of letters, and their combination into appropriate titles.

Railroads.

Juniors: Throughout the year, credit three hours a term. Prerequisite, Elementary and Advanced Surveying. Recitation and field work in simple curves, transition curves, earthwork, switches, frogs, etc. Recitations on track, rolling stock, economics of railroad location, etc.

MECHANICS OF ENGINEERING.

Juniors: Throughout the year, credit six hours a term. Prerequisites, Differential and Integral Calculus. Theoretical and applied mechanics, including statics, kinetics, and mechanics of materials; resolution, composition, and equilibrium of forces; statics of rigid bodies, cords and structures; center of gravity and moment of inertia; composition and resolution of displacements; velocities, and accelerations; Newton's laws; fundamental equations for motion; rectilinear and curvilinear motion of a particle and of rigid bodies; motion diagrams; work, energy, and power, with applications to machines; impact; friction; graphical statics of structures and mechanisms; stress and strain; strength and elastic properties of materials in tension, compression, and shearing; torsion; bending moment, safe loading, deflection, and resilience in simple and continuous beams; non-prismatic beams; combined bending and torsion; eccentric loading; curved bars and hooks; columns; problems showing application of principles of mechanics in engineering design.

MATERIALS OF CONSTRUCTION.

Juniors: First term, credit four hours. Two recitations and two laboratory periods a week. To be taken with or after Mechanics of Engineering. The materials studied are: lime, cement, stone, brick, sand, timber, ores, cast iron, wrought iron, steel, and some of the minor metals and alloys. The chemical and physical properties, uses, methods of manufacture, methods of testing, and unit stresses of each material are considered, particular stress being laid on those points of importance to the engineer. The laboratory work consists of experimental determination of the properties of the materials studied in the classroom.

ROADS AND PAVEMENTS.

Juniors: First term, credit two hours. Prerequisite, Elementary Surveying. Work consists of an examination of the prevailing methods of construction and maintenance of roads and pavements.

SANITARY ENGINEERING.

Juniors: Second term, credit three hours. To be taken with or after Hydraulics. The design and construction of sewerage systems, including separate and combined systems; surveys and plans; determination of size and capacity; construction; and modern methods of sewage disposal.

HYDRAULICS.

Juniors: Second term, credit three hours. Prerequisite, Mechanics of Engineering, first term. A study of the weight and pressure of water; head; center of pressure; velocity and discharge through orifices, tubes, nozzles, pipes, hose, weirs, conduits, canals, and rivers; meters and measurements; motors, turbines, and water wheels; water power.

BRIDGE STRESSES.

Seniors: First term, credit three hours. Prerequisite, Mechanics of Engineering. Stresses due to dead, live, and wind loads, initial tension, and impact; panel loads and locomotive axle loads; determination of the position of live loading for greatest stresses; maximum and minimum stresses. Both analytic and graphic methods are used. The principal types of simple trusses employed in modern construction are considered, in several cases, both with and without counterbracing. The solution of many numerical problems forms a prominent part of the classwork. Each student is required to compute all the stresses in the main trusses and lateral bracing for a through Pratt truss railroad bridge, which is to be designed subsequently.

STRUCTURAL DETAILS.

Seniors: First term, credit two hours. Six hours of computation and drawing a week. Prerequisite, Mechanics of Engineering. The work includes complete detail designs and working drawings of wooden joints to resist large tensile tresses, and of a wooden roof truss for given specifications. The object of the course is to show how to apply the principles of mechanics to the design of every detail of the simple structures named, and to study the forms and strength of joints and fastenings used in heavy framing. The computations required are to be arranged in systematic order in the form of reports.

BRIDGE DESIGN.

Seniors: Second term, credit four hours. Prerequisite, Bridge Stresses. Computations and drawing for the complete design of a riveted railroad bridge of six or seven panels, the stresses for which were computed in connection with the course of Bridge Stresses. The computations to determine the section of all members and of pin plates, splices, and other details as well as of connecting rivets, are to be written up in the form of systematically arranged reports. The draw-

ings consist of general detail plans showing the location of all rivets as well as the composition and relation of all members and connections. The final report is to give a full list of shapes and plates, and a classified analysis of weight for the span.

WATER SUPPLY.

Seniors: First term, credit four hours. Three recitations and one computing period per week. Prerequisites, Hydraulics and Sanitary Engineering. The work consists of a study of the preliminary investigations for determining the available supply of water from a drainage basin, methods of stream gauging, ground water resources, etc. The work also includes methods of development, structures, and working conditions, fire protection, and pumping. Several extensive problems are worked.

IRRIGATION ENGINEERING.

Seniors: Second term, credit four hours. Two recitations and two computing periods a week. Prerequisite, Water Supply. The course is largely devoted to a study of the storage and conveyance of water, entering into a detailed examination of the methods, and structures used, their design, and construction with special reference to public water supplies; power, irrigation, and navigation. The economics of storage, cost of storage, manipulation of storage and pondage are also studied in several extensive problems.

SPECIFICATIONS AND CONTRACTS.

Seniors: Second term, credit three hours. Development of contract principles; agency, tort, and independent contractor; contracts of association, and of sale and transportation. Preparation of engineering contracts. Specifications and methods of studying them. Practice in writing and analyzing specifications.

REINFORCED CONCRETE CONSTRUCTION.

Seniors: First term, credit three hours. Prerequisite, Mechanics of Engineering. The course includes the study of the following subjects: Properties of the material; general theory; tests of beams and columns; working stresses and general constructive details; formulae, diagrams and tables; building construction; retaining walls and dams; miscellaneous structures.

THERMODYNAMICS.
See Mechanical Engineering.

DYNAMO ELECTRIC MACHINERY.
See Electrical Engineering.

ELECTIVES.
Water Power Engineering.
Steel Buildings.
Higher Structures.
Reinforced Concrete Arch.
Railroad Operation and Management.
Cost Keeping and Management.
Geodesy and Least Squares.
Advanced Mechanics.
Railroad Maintenance of Way.

MECHANICAL ENGINEERING.

MECHANICAL DRAWING II.
Sophomores: Throughout the year, credit three hours a term. Nine hours of drawing a week. Prerequisites, Mechanical Drawing I and Descriptive Geometry. Application of the work of course Mechanical Drawing I to machine drawing in connection with empirical design; proportioning of machine details as fixed by practice in the modern shop. The course is intended to give a general understanding of working drawings of machinery. In addition, some training is given in lettering and in the solution of practical problems supplementary to the course in Mechanisms, such as problems in belting, design of cams, gear teeth, etc.

FORGING.
Sophomores: First term, credit one hour. Three hours of work a week. Care of the forge fire, heating, drawing out, bending, upsetting, heading, swagging, welding, tool-dressing, tempering, etc.

FOUNDRY.
Sophomores: Second term, credit one hour. Three hours of work a week. Instruction is given in the use of moulding machines, making two and three part green sand moulds, and making, baking and setting cores. Castings are made in white metal for practice. Instruction is

also given in the casting of iron and steel, foundry appliances and modern methods of production.

MECHANISMS.

Sophomores: Throughout the year, credit two hours a term. Prerequisite, Descriptive Geometry. Two lecture periods a week on the theory of mechanisms, design of gear teeth and the theory and practice of designing valve gears for steam engines. This course is taken with Mechanical Drawing II.

THERMODYNAMICS.

Juniors: First term, credit three hours. Prerequisites, Physics II and Mechanism. This course consists of lectures and recitations on the principles of thermodynamics, properties of gases, flow of steam through nozzles, pipes, etc. Analysis of the various cycles used in heat engines.

MECHANICS OF ENGINEERING.

See Civil Engineering.

HEAT POWER ENGINEERING.

Juniors: Second term, credit three hours. Prerequisite, Thermodynamics. A continuation of Thermodynamics, showing the application of the principles of Thermodynamics as applied to steam, internal combustion engines and refrigerating machinery.

MACHINE DESIGN.

Juniors: Throughout the year, credit three hours a term. Nine hours of work a week. Prerequisites, Mechanics of Engineering Mechanisms, and Mechanical Drawing II. Drawing room problems in elementary Machine Design; selection of mechanism for specified work; determination of driving devices as based on work to be done. Proportioning of detail parts. The complete design of a gas engine, steam boiler, pump, air compressor, or special automatic machine is taken up in the second term.

PATTERN MAKING.

Juniors: First term, credit three hours. Nine hours of work a week. Pererquisite, Foundry. A graded course in the making of patterns, core boxes, etc., use of hand and woodworking tools.

MACHINE SHOP I.

Juniors: Second term, credit three hours. Nine hours of work a week. Prerequisites, Pattern Making and Foundry. A graded course in the mechanical processes where the tools are guided principally by hand, including chipping, filing, use of measuring instruments, etc.

MACHINE SHOP II.

Seniors: First term, credit three hours. Nine hours of work a week. Prerequisite, Machine Shop I. Mechanism of machine tools, centering, squaring, straight and taper turning, outside and inside screw cutting, chucking, reaming, finishing, polishing, drilling, tapping, grinding, etc.

MATERIALS OF CONSTRUCTION.

See Civil Engineering.

ELEMENTARY SURVEYING.

See Civil Engineering.

INDUSTRIAL MANAGEMENT.

Seniors: Second term, credit two hours. A study of the organization and relations of the various departments of industrial establishments both in the office and in the workshop.

DYNAMO ELECTRIC MACHINERY.

See Electrical Engineering.

STEEL BUILDINGS.

See Civil Engineering.

HYDRAULICS.

See Civil Engineering.

ENGINEERING DESIGN.

Seniors: Throughout the year, credit three hours a term. Eight hours of drawing and one lecture-recitation hour a week. Prerequisites, Machine Design and Heat Power Engineering. The design of specifications of mills, factories, power plants, etc., including foundations, walls, floors, trusses, roofs and construction work in general; selecting and locating boilers and engines, arrangement of steam piping, etc.

ENGINEERING LABORATORY.

Seniors: Throughout the year, credit three hours a term. Prerequisite, Machine Design. This course consists of laboratory work and written reports on steam-gauge tests, heating values of coal, steam quality, measurement of feed water, efficiency tests of steam and gas engines, tests of boilers, etc. The preparation of the reports is considered an important part of the course.

ELECTRICAL ENGINEERING.

DYNAMO ELECTRIC MACHINERY.

Juniors: First term, credit three hours. Prerequisite, Physics II. A study of the fundamental principles of electricity and magnetism and their application to direct-current machinery.

ALTERNATING CURRENT THEORY.

Juniors: Second term, credit three hours. Prerequisites, Dynamo Electrical Machinery, and Differential and Integral Calculus. A mathematical and graphical treatment of periodic functions as exemplified in alternating currents, as regards the phenomena of inductance and capacity, etc., singly and in combination.

ALTERNATING CURRENT MACHINERY I.

Seniors: First term, credit three hours. Prerequisite, A. C. Theory. A mathematical and graphical treatment of alternating current phenomena as applied to electrical machinery. All types of apparatus in good practice are taken up and studied.

ELECTRICAL ENGINEERING LABORATORY I.

Juniors: First term, credit two hours. To be taken with or after Dynamo Electric Machinery. This course is designed to furnish an experimental basis for the theory given in Dynamo Electric Machinery. It consists largely of tests on elementary direct current apparatus.

MACHINE DESIGN AND DRAWING.

Juniors: Throughout the year, credit two hours each term. Prerequisites, Mechanical Drawing I and II. This course is a continuation of the course Mechanical Drawing II, but is especially applied to the design of small electrical apparatus. Lectures are given on the methods and material used. Designs are to be carried through completely both as to calculations and drawings.

ELECTRICAL ENGINEERING LABORATORY II.

Juniors: Second term, credit two hours. To be taken with or after A. C. Theory. Similar to E. E. Laboratory I in that it furnishes an experimental basis for A. C. Theory. Consists of tests on Alternating Current apparatus with special reference to the effect of inductance and capacity, singly or in combination.

ELECTRICAL ENGINEERING DESIGN I.

Seniors: First term, credit three hours. Prerequisite, Dynamo Electric Machinery. This course is designed to give the student practice in the application of the fundamental theory of electricity and magnetism to the calculation and proportioning of electrical machinery. Part of the time is given over to a study of the materials entering into electrical construction.

ELECTRICAL ENGINEERING DESIGN II.

Seniors: Second term, credit three hours. A continuation of E. E. Design I.

ELECTRICAL ENGINEERING LABORATORY III.

Seniors: First term, credit two hours. To be taken with or after A. C. Machinery I. Advanced direct and alternating current testing of generators, motors, transformer converters, etc., both commercial and for purposes of investigation.

ALTERNATING CURRENT MACHINERY II.

Seniors: Second term, credit three hours. A continuation of A. C. Machinery I.

ELECTRICAL ENGINEERING LABORATORY IV.

Seniors: Second term, credit two hours. A continuation of E. E. Laboratory III.

TELEPHONY AND TELEGRAPHY.

Seniors: Elective, second term, credit two hours.

GENERAL ELECTRICAL ENGINEERING I.

Seniors: First term, credit three hours. Prerequisite, A. C. Theory. A course covering the engineering and economic phases of the more special branches of Electrical Engineering; as electric traction, electric transmission of power, etc.

GENERAL ELECTRICAL ENGINEERING II.

Seniors: Second term, credit three hours. A continuation of General Electrical Engineering I.

ELECTRIC WIRING OF BUILDINGS.

Seniors: First term, credit one hour. Prerequisites, Dynamo Electric Machinery and A. C. Theory. A course covering a study of the standard methods and materials used in the wiring of buildings, etc. Samples of electrical fittings, etc., are exhibited in the laboratory, where they may be examined by the student. Whenever possible, students are given a chance to get some practical experience by doing the actual work under proper supervision.

INSPECTION VISITS AND REPORTS.

Seniors: Elective second term, credit one hour. Frequent visits and inspections are made to the various plants, both electrical and mechanical, in this vicinity.

THESIS.

Seniors: Second term, credit four hours.

CONSERVATORY OF MUSIC

FACULTY

STEPHEN M. NEWMAN, D. D., *President.*

LULU VERE CHILDERS, Mus. B., *Director, Instructor in Voice.*
Conservatory of Music—Oberlin, Ohio.
Pupil of William Shakespeare—London, England.
Sydney Lloyd Wrightson—Washington College of Music.
H. S. Deverse of Chicago Musical College.

ROY WILFRID TIBBS, Mus. B., *Instructor in Pianoforte and Organ.*
Conservatory of Music—Oberlin, Ohio.
Dept. of Music—Fisk University—Nashville, Tenn.

C. BEATRICE LEWIS, *Instructor in History of Music and Pianoforte.*
New England Conservatory of Music.

JOSEPH H. DOUGLASS, *Instructor in Violin.*
Student for five years in the New England Conservatory of Music.

The work of the Music Department of Howard University has grown in standard, excellence and success, until the time has come when it should take some definite name under which it can realize many of the great possibilities which lie before it. It will, therefore, be designated, hereafter, by vote of the Board of Trustees, as The Conservatory of Music of Howard University.

No student of music should go out into the world without having a thorough knowledge of great literature and of modern languages. The expressions of the spirit of man in music, art and literature are so related in themes as to make it necessary for students to be trained in all these subjects. Hence the advantage to music students of being in a great university. The aim of The Conservatory of Music of Howard University is to train musicians with a breadth of liberal culture which cannot be found under most private studio teachers of music.

The finest teachers will be added to the Faculty as the increase of students and courses may make necessary.

ADMISSION

All persons, from beginners up to advanced students, will be admitted. The lower students are earnestly advised not to fail to combine certain literary courses with their work in music.

Before students can be admitted to courses leading to diplomas they must have completed a four years' high school course or its equivalent, thus meeting the requirements for admission to college. It is necessary for the successful study of music, that the above requirement be enforced.

DIPLOMA

A diploma will be given to the student who has finished a well defined course which will ordinarily take four years for completion. Such a student will be subject to the requirements stated above under the head of Admission.

COURSES FOR DIPLOMAS

VOCAL

LULU V. CHILDERS, B. M.

In voice building we adopt the best features of all methods. Good breath control and correct placing of tone are the leading features of technical drill. Two terms in the history of Music, in addition to the prescribed course in piano, will be required.

First Year: Principles of breathing as taught by Shakespeare, Tone production, Voice placing. Shakespeare Books I and II. Concone opus 11, vol. 294. Piano. French and German.

Second Year: Exercises in breathing, tone production and voice placing continued. Shakespeare's Book II—Concone opus 9, vol. 242, 244—Harmony, French and German Piano.

Third Year: Shakespeare Book III. Concone opus 12, vol. 275. Panofka—opus 81—vol. 76—opus 85 vols. 295, 296—Oratorio and Songs—German and French Songs. Harmony—French, German, Piano.

Fourth Year: English, Italian and French Songs. Oratorio and Opera. Senior Recital.

PIANO

ROY W. TIBBS, *Mus. B.*

C. BEATRICE LEWIS, *Instructor*

The work is wholly individual. On entering, students are placed in the grade for which they are best fitted. Advancement varies with

the pupil, some completing more than one grade during the school year.

The outline which follows is of technic and studies only, but with each grade pieces suitable to the grade and pupils' needs are given.

First Grade: Major Scale Exercises; Mathews' Graded Studies, Book 1; Kohler Op. 162, etc.

Second Grade: Major and Minor Scales; Five Finger Exercises; Kohler opus 151 and op. 210; Herz's Scales; Mathews' Graded Studies, Book II.

Third Grade: Major and Minor Scales in two, three and four note rymth; arpeggios from major keys. Loeschorn op. 65; Kohler op. 157; Burgmuller op. 100; Mathews' Graded Studies, Book IV.

Fourth Grade: Major and Minor Scales, contrary motion, arpeggios from minor keys; Mason's Touch and Technic. Kohler op. 242; Heller op. 47; Krause Trill Studies; Mathews' Graded Studies, Book IV; Bach's Twelve Little Preludes.

Fifth Grade: Scales in thirds, sixths and tenths; Arpeggios from the dominant, Le Couppey op. 23; Czerny opus 718; Heller op. 46, Bach's Two and Three part Inventions.

Sixth Grade: Scales, Arpeggios; Octaves; Czerny op. 299; Czerny Octaves; Bach's Invention; Mathews' Graded Studies, Book VI. Bach's Well and Tempered Clavichord.

Junior: Weimar Studies in Touch and Technic; Jensen op. 32; Doring's Octaves op. 24, etc.

Senior: Preparation for Public Recitals and Selected Technics.

PIANOFORTE

The course of study in this department includes:

I. Technical exercises, which are intended to give control of the muscles of fingers, hands and arms, making them responsive to the will.

II. Etudes by the best teachers and composers, which are designed to give further development to the executive powers, to bring about a finer relationship between the physical and intellectual faculties and to form a connecting link between purely technical work and the higher forms of musical expression.

III. Compositions by the best writers, both ancient and modern, ensemble playing, etc., for aesthetic development.

VIOLIN

JOSEPH H. DOUGLASS

Belgian System

Rudimental principles of violin, exercises in the first position, including staccatos, double stops, trills and other embellishments.

Books: Seveik Studies
Dancla Studies
Kreutzer studies in all positions
Seveik advanced studies.

Every opportunity is given the students for instructions in solo work, ensemble playing, and with piano, ranging from simple compositions to the master works.

PRACTICE CLAVIER

The Practice Clavier has come to be recognized so generally as an important aid in securing a good technical development, in both piano and organ playing, that we have made ample provision for the use of this instrument, so far as it may be deemed advisable in the case of individual students.

OUTLINE OF THE THEORY COURSE

THEORY 1.

Musical notation, keys, scales, signatures, intervals, the triad. Simple part writing from given basses and sopranos.

THEORY 2.

Chords of the seventh. Simple modulations. Harmonizing choral melodies and figured basses. The harmonized scale, various cadences and the simpler modulations played at the piano.

THEORY 3.

Harmonizing melodies which modulate. Advanced studies in secondary sevenths. Exercise in modulation at the piano, including transposition of the same into all keys.

THEORY 4.

Chromatically altered chords, enharmonic changes, modulation in general. The progressions involved in the written exercises transposed into various keys at the piano.

THEORY 5.

The suspension, retardation, appoggiatura, anticipation and passing tone, embellishment, pedal point, melodic figuration and accompaniment. Bach's figured chorals.

THEORY 6.

Harmonic Analysis. Text book: *Harmonic Analysis* by Lehmann. Also a review of harmony at the piano, all the exercises being played instead of written.

HISTORY OF MUSIC

The course covers the period from the beginning of the Christian era to the present, with an introduction on ancient and primitive music.

RATES OF TUITION

VOICE

MISS CHILDERS

One lesson per week of thirty minutes.....$2.50 per month.
Two lessons per week of thirty minutes each.....$5.00 per month.

PIANO

MR. TIBBS

One lesson per week of twenty minutes.....$2.50 per month.
Two lessons per week of twenty minutes each.....$5.00 per month.

MISS LEWIS

One lesson per week of thirty minutes.....$2.50 per month.
Two lessons per week of thirty minutes each.....$5.00 per month.

ORGAN

MR. TIBBS

One lesson per week of twenty minutes.....$2.50 per month.
Two lessons per week of twenty minutes each.....$5.00 per month.

VIOLIN

MR. DOUGLASS

One lesson per week of thirty minutes.....$2.50 per month.
Two lessons per week of thirty minutes each.....$5.00 per month.

HARMONY

MR. TIBBS

Class Lessons—two per week.....$1.25 per month

HISTORY

MISS LEWIS

Class Lessons—two per week.....$1.25 per month.

EAR TRAINING

MR. TIBBS

Class Lessons—two per week.....$1.25 per month.

VOICE, PIANO, AND ORGAN FEES

1 Hour a day per year.....$1.25 per month.
2 Hours a day per year.....$2.50 per month.

Music Library fee.....$1.00 per year.

UNIVERSITY MUSICAL ORGANIZATIONS

The University Choral Society:
One hour rehearsal twice-a-week throughout the year.

The University Orchestra:
Two hours rehearsal once a week throughout the year.

The University Glee Club:
One hour rehearsal three times a week throughout the year.

The University Choir:
One rehearsal twice a week throughout the year.

REGULATIONS

I. There will be no deduction for lessons missed by students, except in cases of prolonged illness.

II. Students of the Conservatory of Music are not allowed to take part in public programs or musical organizations, without the consent of their teachers and the Director of the Department.

III. All students are expected to attend all of the regular Students' Recitals and Concerts under the Conservatory of Music.

IV. Students who expect to graduate must take sufficient work to occupy their entire time.

V. Students may enter at any time.

LIBRARY SCHOOL

It is the purpose of this school to offer instruction to those who wish to make library work their profession. Not more than ten students can be admitted to the school for the session of 1914-15 and no one will be admitted to a portion of the programme.

The requirement for admission is graduation from an accredited high school, or an equivalent course of study. The successful completion of the courses named below leads to a certificate. The Library School is under the charge of the Librarian, Miss Grace L. Hewett, to whom all requests for information should be addressed.

COURSES OF STUDY

JUNIOR YEAR

Subject	Hours Class	Study
Cataloguing I	5	
Classification, 2nd term	2	
Library Economy I	2	2
Library Practice	6	
Reference I	2	3
English I	3	
French I or II	3	
German I or II	3	

SENIOR YEAR

Subject	Hours Class	Study
Book Selection	1	2
Cataloguing II	3	
Classification II, 1st term	2	
Library Economy II	2	3
Library Practice	6	
Reference	2	3
Typewriting		
French II or German II or IV	3	

DESCRIPTION OF COURSES

Book Selection. Lectures, book reviews, discussion, and collateral reading. Various problems in the selection of books for libraries are discussed, and typical books are read and criticised. Use of periodicals containing book reviews and other aids to book selection.

Cataloguing I. Dictionary cataloguing. Lectures and practice. Cataloguing in the various classes of books found in a general library Principles of alphabeting and library handwriting.

Cataloguing II. Lectures and practice: a continuation of Cataloguing I dealing with the more complex problems of cataloguing and Public Documents.

Classification I. Decimal classification and shelf-listing. Lectures and practice.

Classification II. Expansive classification.

Library Economy I. Preparation of books for the shelves, ordering and accession work.

Charging systems.

History of library development.

Library Economy II. Methods of administration. Work with the blind and clubs. Book binding and rebinding. Traveling libraries.

Library Practice. Experience in actual library work in the University library.

Reference I. Lectures and reports. Study of the most useful reference books.

Reference II. Lectures and recitations. A continuation of Reference I. Study of the more technical works, and problems. A short bibliography is required in this course.

THE SCHOOL OF THEOLOGY

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.
President and Lecturer on Bible Literature, and Kindred Subjects.

ISAAC CLARK, A. M., D. D.
Dean and Professor of English Exegesis, Theology, Apologetics, and Ethics.

FRANK P. WOODBURY, A. M., D. D.
Professor of Preaching, Church Work, and Psychology of Religion.

STERLING N. BROWN, A. M., D. D.
Professor of Biblical Introduction, and Bible History, Director of Correspondence Study and Extension Work.

D. BUTLER PRATT, A. B.
Professor of Church History, Hebrew and Greek Exegesis and Sociology.

MONTGOMERY GREGORY, A. B.
Instructor in Elocution.

HISTORICAL

"The Howard Theological Seminary" took its inception from a social conference held November 20, 1866, in which "the plan of a theological seminary, having in view the training of colored men for the ministry," was set forth and the above-mentioned name adopted. Its scope was subsequently broadened, so that the institution became known as The Howard University, chartered in 1867. In the very first year of its history, the trustees authorized the teaching of "students accredited as preachers and others looking forward to that work," and this teaching began forthwith. When application for aid in this work was made to various benevolent societies, The American

Missionary Association was the only organization constituted and administered on a sufficiently broad basis to make a favorable response. It furnished nearly all the salary of the first dean and has largely supported the school during most of the forty years of its history. Of necessity, this department of the University receives no aid from the government and is thus entirely dependent on benevolent support. The School of Theology began with 12 students. The number steadily increased during its early years; and for the five years, 1894-1899, the average was 57 students. From 1899 to 1904, the average was 66 students. From 1904 to 1909, the average rose to 91, and during the last four years it has been 109. The students have come from all the various denominations of the colored churches in this and in other countries and have had a powerful influence not only in direct Christian service but also in elevating the standard of the ministry everywhere.

GENERAL STATEMENT

The object of the School of Theology is to prepare young men for efficient service in the Gospel ministry. The aim, to make effective preachers of the Word, efficient pastors, and helpers of their people to a larger spiritual life, is kept constantly in view, both in the courses of study offered and in the instruction.

ADVANTAGES

The School of Theology offers special advantages, not only by superior equipment in its faculty, library and dormitory accommodations, but also—

1. In its location at the capital of the nation. Washington supplies varied and healthful incitements to intelligent thought, and that large-mindedness so desirable in those who are to be the leaders of the people. The great theological schools are now located in the cities. Here are the people and here are the largest opportunities for culture and development. As a city of hotels and boarding houses, Washington gives opportunity to a large number of students to gain support without neglecting their studies.

2. In its connection with a great university. This enables young men to make up deficiencies or pursue supplementary studies, and to come into pleasant and healthful association with students in other departments. They can thus gain a better mental discipline and a larger outlook on their life and work.

3. In its inter-denominational character. Different denominations are represented by the teachers, many by the students. By candid statement of beliefs, by free interchange of views, by discussion of various points, all carried on within the circle of fraternal association and feeling, the students come to a better understanding of one another and their tenets. The result is—not that thy are made less loyal to their own denominations, but better able to see the loyalty of all to the one common Saviour, and better able to join in hearty co-operation with their brethren for the advancement of the one common cause.

REQUIREMENTS FOR ADMISSION

Every candidate for admission is expected to present testimonials from two responsible persons. His pastor and the principal of the school he last attended are preferred. DIPLOMA COURSE: Students are admitted to this course on certificates of graduation from some reputable high school, or on passing a satisfactory entrance examination. Those who lack the minimum requirements for the Diploma course, are sometimes admitted to its studies as unclassified students. If they make up their deficiencies they become eligible to graduation.

B. D. COURSE. Students are admitted as candidates for the degree of Bachelor of Divinity, who have received a college education or its full equivalent.

EXPENSES

No tuition is charged. Room rent to theological students in Clark Hall, including steam heat and electric light, is $16 per year, $8 of which is to be deposited invariably in advance. Board in Miner Hall is $10 per month, payable in advance. Other expenses are largely determined by one's habits and means.

SELF-HELP

A few students receive their board for work done in the University. A large number meet their expenses by work done in the city. Washington affords unusual opportunities for self-help. No energetic student need be deprived of the advantages offered by the school because of lack of such opportunity.

SCHOLARSHIPS

Two Pomeroy Scholarships, one of $75, and one of $50, are awarded for excellence in Biblical studies.

Three Dodge Scholarships of $40 each are available for students, who have not received other scholarships, at the discretion of the Faculty.

Two Maynard Prizes, one of $10, and one of $5, are awarded for superiority in debate.

AWARDS FOR 1912-1913

Pomeroy Scholarships, First, David A. Blake; Second, Ernest Swanston.

Dodge Scholarships, First, Geo. F. McMiller; Second, William B Baker; Third, Raynes W. Stennett.

Maynard Prizes, First, Emery B. Smith; Second, Volley V. K. Stokes.

STUDENT AID AND AWARDS

A limited fund is available, at the discretion of the Faculty, to meet unusual needs of students. As an encouragement to thorough preparation for the work of the School of Theology, college graduate students of promise, who may need aid, will be given special consideration in the distribution of student-aid.

GRADUATION

The satisfactory completion of one of the prescribed courses of study, an unblemished Christian character, and the promise of usefulness in the Christian ministry are the prerequisites for graduation. The degree of Bachelor of Divinity (B. D.) is given to graduates from the B. D. Course who have taken the degree of A. B. from a reputable college, or who have shown by certificates and examinations that they have received the substantial equivalent of a college training. College graduates, who have taken studies equivalent to those of our Junior year, may complete the course and receive the diploma of the school in two years, with the degree of B. D. Those who have not received a college training or its full equivalent, but who show superior scholarship in the actual work of the theological course may, by special vote of the Faculty, become candidates for the degree of B. D.

COURSES OF STUDY

Two courses of study are offered, the Diploma and the B. D. Course, as follows:

JUNIOR YEAR

Biblical Introduction	Evidences of Christianity
English Exegesis	Ethics
Bible History	Homiletics
Theism	Elocution

MIDDLE YEAR

English Exegesis
Greek Exegesis
Hebrew Elementary
Systematic Theology
Church History
Homiletics
Sociology
Inductive Studies in Preaching
Elocution

SENIOR YEAR

English Exegesis
Greek Exegesis
Hebrew Exegesis
Systematic Theology
Church History and Missions
Homiletics
Pastoral Theology
Psychology of Religion
Sociology
Inductive Studies in Preaching
Elocution

THE B. D. COURSE

The School of Theology, while putting the English Bible in the forefront, recognizes the fact that thoroughly equipped students may profitably study the word of God in its original languages—Hebrew and Greek—and thus gain an added equipment for service. It also recognizes the fact that in order to use the original languages with freedom and profit sufficient time must be given to gain a fair mastery of them. Provision is made to this end.

In addition to the regular Diploma Course, and taking the place in part of the exegetical studies in the English Bible, there are offered the following courses in Greek and Hebrew.

MIDDLE YEAR

Hebrew Elements and Grammar with translations from the beginning.

Greek—The Gospels and Acts, with Grammar.

SENIOR YEAR

Hebrew—Extended reading and study of Hebrew history, prophecy, and poetry.

Greek—Exegetical study of the Epistles.

OUTLINE OF STUDIES

HOURS OF CLASS-ROOM WORK EACH WEEK

CLASSES: TERMS:	Junior I	II	III	Middle. I	II	III	Senior. I	II	III
Biblical Introduction	2	2	2						
Biblical Exegesis, English	6	6	6	6	6	6	6	6	6
Biblical Exegesis, Hebrew				3	3	3	2	2	2
Biblical Exegesis, Greek				2	2	2	2	2	2
Bible History	2	2	2						
Theism	3								
Evidences of Christianity		3							
Ethics			3						
Sociology				1	1	1	1	1	1
Systematic Theology				2	2	2	2	2	2
Church History				2	2	2	2	2	
Missions									2
Homiletics	1	1	1	1	1	1	2	2	2
Pastoral Theology									1
Psychology of Religion							1	1	1
Inductive Studies of Preaching				1	1	1	1	1	1
Elocution	1	1	1	1	1	1	1	1	1
The Assembly Hour	1	1	1	1	1	1	1	1	1
The Literary Hour	1	1	1	1	1	1	1	1	1
The Devotional Hour	1	1	1	1	1	1	1	1	1

DESCRIPTION OF COURSES

BIBLICAL INTRODUCTION

This course is intended to prepare the way to the intelligent and profitable study of the Bible itself. It gives the history of the origin, collection, transmission, and versions of the Scripture. It treats of the genuineness, authenticity, general structure, and contents of the separate books of the Bible, and the authenticity of the book as a whole. It arranges all in chronological order, and so synchronizes history and prophecy as to make both more intelligible and instructive. Books of study and reference: Driver's *Introduction;* Moulton's *Introduction;* Kent's *Student's Series;* Dods' *Introduction;* Brown's *Bible Mastery;* John H. Raven's *Introduction.*

BIBLE HISTORY

The Bible is essentially a historical book and unfolds a succession of ages or periods of dispensation in the development of the race. This course in Bible History is intended to show God's relation to man

in the past, and in an ever present extending sphere of grace. It considers God's work, first, with the individuals, then later with families, afterwards with a nation through His gracious purpose and movement up to the fullness of time when Christ came.

A study of the important characters, events and forces in Biblical history, in the light of modern geography, discovery and research is required, closing with an outline of the life of Christ and of the Apostolic Church.

Books of study and reference: Blakie's *Bible History;* Stanley's *History of the Jewish Church;* Smith's *Old and New Testament History;* Brown's *Bible Mastery.*

ENGLISH EXEGESIS, APOLOGETICS, SYSTEMATIC THEOLOGY AND ETHICS

English Exegesis: To many students English Exegesis is the only possible exegesis, for the English Bible is their only Bible. Accuracy and facility in the interpretation of the English Bible are indispensable to their intelligent and effective service. Careful exegetical study is given to sample portions of all its distinctive parts. Thus, the art of interpretation, applicable to the whole Bible, is acquired.

Systematic Theology: The course covers two years. First year: Religion. God's being and attributes as seen in his works. His self-revelation in the Bible. Man's nature, powers, relations, sin, condemnation, corruption, need of redemption. Second year: Redemption provided—including the person and work of Christ; redemption offered—including the ministry of Christians and of the Holy Spirit; redemption imparted—including justification and regeneration; redemption appropriated—including repentance and faith; redemption perfected—including sanctification and the Kingdom of Heaven. Books of study and reference: H. B. Smith's *Theology;* Wm. Newton Clarke's *Outline of Christian Theology;* Johnson's *Outline of Systematic Theology.*

Theism: This treats of the existence and attributes of God as revealed in nature. Books of study and reference: Valentine's *Natural Theology;* Fisher's *Theistic Belief;* Bowen's *Studies in Theism.*

Evidences of Christianity: This considers the question, Is the Christ who is portrayed in the gospels and who is the formative power in Christianity, human or divine? Books of study and reference: Hopkins' *Evidences;* Row's *Manual of Christian Evidences;* Fisher's *Manual of Christian Evidence;* Bushnell's *Character of Jesus.*

Ethics: This study considers the different theories of right; and treats of the rights and duties of men as individuals, and in the whole round of their relational life. Books of study and reference: Fairchild's *Moral Science;* Smyth's *Christian Ethics.*

CHURCH HISTORY AND MISSIONS

Church History: The course aims to show the vital connection between the growth of the Kingdom of God on earth and the progress of civilization. Special attention is paid to the great theologians and reformers and to the social background of each important era.

Books of reference: The biographies and writings of the makers of Church History; the histories of Fisher, Hurst, Kurtz, etc., and the American Church History series.

Missions: The present state of missions in non-Christian lands, and how we are to fulfil the command to "Make disciples of all nations." Books of study and reference: Bliss' *Encyclopedia of Missions,* Beach's *Missionary Geography and Atlas;* Barton's *Unfinished Task;* and books on Africa, particularly Naylor's *Daybreak in the Dark Continent,* and Parson's *Christus Liberator.*

HEBREW SCRIPTURES AND EXEGESIS

Hebrew: In reading and study special emphasis is laid on the moral, spiritual and Messianic teachings of the Old Testament, and the use to be made of all in the ministry. The elements of Hebrew are studied the second year, accompanied from the very beginning by translation from the Hebrew Bible. The inductive method is followed. By this method the student gains a mastery of the language much more rapidly and agreeably than by the old system. In the second year reading in the Psalms and the Prophets follows that in the historical books. Books of study and reference: Harper's *Elements,* Harper's *Methods,* Brown, Driver and Briggs' *Lexicon,* Hastings' *Bible Dictionary, Standard Commentaries,* Kittel's *Hebrew Bible.*

GREEK SCRIPTURES AND EXEGESIS

Greek: It is assumed that the student has gained a fair knowledge of the Greek language, and has had practice in construction and translation, and that his knowledge is to be turned to account for the better understanding of the Scriptures. Hence special attention is given to

words of marked significance, to the line of thought in each book, and to the distinctive traits of the New Testament as a whole. Books of study and reference: Goodwin's, Winer's, Robertson's and Green's *Greek Grammars;* Thayer's *Greek Lexicon;* Commentaries.

SOCIOLOGY

During the middle year, the course traces the development of society from primitive to modern forms, with constant reference to the social teachings of the Bible. During the senior year, present conditions are studied with special reference to the opportunities and responsibilities of the ministry in social betterment.

Works of study and reference: The Survey, The American Journal of Sociology, Ellwood's *Sociology,* Nearing's *Social Adjustment,* Giddings' *Principles of Sociology,* Ward's *Applied Sociology,* and other standard works.

THE THEORY AND PRACTICE OF PREACHING AND CHURCH WORK

The general work includes studies in the literature of persuasive speech, homiletics, pastoral theology and religious psychology, particularly as related to preaching.

Rhetoric and Literature: The elements of style in oratory as distinguished from literary expression, analysis of argumentative style and work, characteristic addresses by great speakers, enrichment of vocabulary, criticism of faults; the formation of style in speaking rather than in writing. Special attention is given to the leading preachers and to the literature of persuasion.

Homiletics: The aim is to establish in the mind of the student the principles and methods of effective speaking by constant practice, although text-books are freely used and lectures given. In the class room, conversational conferences are more frequent than formal recitations. Sermons and parts of sermons are planned, wrought out, remade, compared with others on the same themes, and the applying principles illustrated and enforced. Great emphasis is laid on the extemporaneous preachers of the English and American pulpit.

Pastoral Theology: The various methods of practical church work, individual and social. Its recent developments are studied and their comparative worth defined, testimonies of efficient pastors cited, causes

of failures indicated. It is urged that students, under their own pastors in the city, carry on active church work, and report results.

Books of Study and Reference: Rhetoric; Hill, Phelps, Genung and Bascom. Homiletics: Broadus, Pattison, Phelps, Kern, Beecher, Spurgeon, Breed, Brastow, Johnson and Quayle. Pastoral Theology: Gladden, Hoppin, Kidder and Ellicott.

PSYCHOLOGY OF RELIGION

This course includes a series of lectures on social psychology in its religious aspects, including an analysis of the instincts, tendencies and emotions, suggestibility, child religion, adolescence, educative development, methods of conversion, revivals, spiritual dynamics, experiences and their normal development.

Books of study and reference: Starbuck, Coe, Ames, Raymond, Pratt, Davenport, Ross, McDougall, James, etc.

ELOCUTION

Disciplinary exercises with sermons, Bible readings, hymns and other forms of training which are calculated to make the students more effective speakers.

The Assembly Hour. For Practice Preaching and other Special Exercises.

The Literary Hour. For debates and essays required by the Faculty; and exercises conducted by the Maynard Literary Society.

The Devotional Hour. For the weekly Prayer Meeting, and the Monthly Services of the Livingston Missionary Society.

For catalogue, and special information, address Dean Isaac Clark, Howard University Washington, D. C.

THE EVENING INSTITUTE

This is designed to aid preaches and workers in Sunday Schools, Christian Associations, City Missions and other branches of Christian service. It includes a four years' course of instruction—three evenings a week, two hours each evening—continuing through the full school year. The course is necessarily limited in extent, but is thorough and practical, and is justified by results, after years of experience. The course of study includes:

BIBLICAL INTRODUCTION, BIBLE STUDY, BIBLE HISTORY, CHURCH HISTORY, THEOLOGY, HOMILETICS, CHURCH WORK, ELOCUTION

Books of study and reference: *Bible Companion; The Temple Opened;* Blaikie's *Bible History*; Fisher's *Church History;* Clarke's *Theology;* Smith's *Christian Theology;* Broadus' *Homiletics.*

TERMS OF ADMISSION AND GRADUATION

For admission, satisfactory credentials and attainments sufficient to enable one to make good use of the opportunities offered, are required.

For graduation, regularity of attendance, satisfactory progress in the studies of the course, and payment of dues. To those meeting these conditions testimonials are given answering to the work done.

EXPENSES OF THE EVENING INSTITUTE

This is a special work for which a tuition fee is charged.

New students pay an entrance fee of $5, and tuition for the year, $10. Those already enrolled pay only the annual tuition fee of $10. For catalogue and special information address

DEAN ISAAC CLARK.

THE DEPARTMENT OF CORRESPONDENCE STUDY

Correspondence-study, as a method of gaining an education, has been long and widely tested, and is becoming more broadly established each successive year. Today it is imparting the benefits of great colleges, universities and professional schools to thousands of students who cannot come as residents to these institutions, but who are bent upon securing an education.

In schools of theology, correspondence-study has been found particularly advantageous to the following classes:

(1) Students, desiring to prepare themselves for the ministry, who are unable at present to remove their residence to an institution, but who can do work where they are and in connection with their present occupation, and can thus attain advanced standing toward graduation with the expenditure of less time when they take up residence work. (2) Students who have already had some residence work, and can take additional parts of their course by means of correspondence work. (3) Ministers who have found it necessary to enter upon their professional work with inadequate educational preparation, and who now desire to

develop their training more fully. (4) Ministers who wish to make higher attainments in some especial lines of scholarly study. (5) Ministers who feel the need of improved methods in sermon-making and delivery, in order to reach increased effectiveness in their work of preaching.

COURSES OF INSTRUCTION

Courses of instruction include the subjects of the general courses in the School of Theology (with the exception of the linguistic studies) and other subjects for post-graduate work. Detailed information will be supplied by correspondence.

GENERAL INFORMATION

Full and exact directions as to methods of work are given to each correspondent. No previous examination is required for entrance on correspondence courses of study. If, for any cause, an application should fail of being accepted, the tuition fee is at once returned to the sender. Students are to complete the particular courses they have undertaken within a year of the time of their beginning work, unless their time should be extended by the Director. An interval of more than two months without report from a student may terminate the right to continue that course of study.

Examinations will be held at such times and in such places and by such methods as, after mutual correspondence and agreement, may be notified to the student by the Director. Certificates of attainment in each course are granted to the student after the satisfactory completion of that course. After a student has sustained the requisite examinations and has been matriculated as a resident student of Howard University, such certificate work as has been done in correspondence-study shall be duly credited as contributing toward the attainment of a diploma, it being understood that at least one year of residence work will be required for his graduation, except in special cases to be considered and passed upon individually.

EXPENSES.—The tuition for a course in one study consisting of twenty sections is placed for the present at the very low rate of three dollars, payable invariably in advance. This includes question-papers, but not the cost (which varies in different courses) of text-book or text-manual. These are paid for and owned by the student.

Address all communications, concerning Correspondence-study to

PROF. STERLING N. BROWN, *Director.*

SCHOOL OF MEDICINE

INCLUDING THE

MEDICAL, DENTAL AND PHARMACEUTIC COLLEGES

HISTORY

Howard University was chartered by act of Congress, March 2, 1867. Section 5 of the charter provided that the University shall consist of the following departments—"fifth, medicine." On November 5th, 1868, the first session began and ended March 1, 1869. The first class consisted of eight students, seven in medicine and one in pharmacy. The sessions have been gradually lengthened until now they end June 1, and the number of years in the medical course has been increased from two to four. The first regular session of the Dental College began October 1, 1883.

The Department has up to date graduated 1411 students—922 medical, 248 dental and 231 pharmaceutical. In conformity with the spirit of the charter of the University, the Medical Department, including the Medical, Dental and Pharmaceutic Colleges, is open to all persons, without regard to sex or race, who are qualified by good moral character, proper age and suitable preliminary education.

The Forty-sixth annual session will begin October 1, 1914, and continue until June 3, 1914.

WASHINGTON CITY

The city affords peculiar facilities for the study of medicine and the allied subjects.

There are Libraries rich in medical books, which may be consulted by the students. That of the Surgeon General's Office, Seventh and B Streets, S. W., contains over 200,000 works on medicine and collateral sciences. The Library of Congress contains about 1,000,000 books, many of which are medical. The Patent Office Library also contains many books of the same kind. The reading rooms of these institutions are open from 9 to 4.30 o'clock daily, except Sundays; those of the Library of Congress, are open also on Sunday and the evenings.

Our Carnegie Library, situated on the campus, completed at a cost of $50,000 is regarded as one the most beautiful college libraries in the country. The library contains about 25,000 books and 15,000 pamphlets. The leading magazines and daily papers from different sections of the country are on file. A reading and consulting room has been set apart for the students of the School of Medicine where the leading medical, dental and pharmaceutic journals, bulletins, text-books and reference works may be found.

There are also Museums which are accessible to students. The Army Medical Museum, Seventh and B Streets, S. W., is the finest of its kind in the world. The specimens illustrate the diseases and injuries of both civil and military life, normal anatomy, both human and comparative, and medical, surgical and transportation appliances—in all about 25,000 specimens. Open daily, except Sundays, from 9 to 4.30 o'clock. The National Museum and Smithsonian Institution, situated in the Smithsonian grounds, have the largest and best collection in the country, illustrating the natural sciences. The specimens of Materia Medica are useful to medical and pharmaceutical students. Open daily, from 9 to 4.30 o'clock. The Museum of Hygiene, southeast corner of Eighteenth and G Streets, N. W., is under the charge of the Surgeon General of the Navy, and contains, as the name indicates, illustrations of sanitary arts. Open daily, except Sundays, from 9 to 4.30 o'clock. The Agricultural Department contains a museum of the products of agriculture; the Botanic Gardens a collection of plants of all countries, and the Patent Office Museum models of surgical appliances.

GENERAL INFORMATION

FREEDMEN'S HOSPITAL

On the square adjacent to that on which the Medical College Buildings stand have been erected hospital buildings at a cost of $600,000.

The hospital has the great advantage of being designed primarily for teaching purposes, as practically all the patients admitted are utilized freely for instruction. The hospital has about 300 beds and contains two clinical amphitheatres, clinical laboratories and a room for X-ray diagnostic work and X-ray therapy. The Medical Faculty practically constitutes the Hospital staff. They are the physicians who attend regularly upon the patients (each upon such cases as come regularly within his special department). Special attention is given to

bedside instruction. Clinics are held every day during the year, except Sundays, and examinations are made, prescriptions given, and surgical operations performed in the presence of the classes or of sections thereof.

The patients are assigned to students who take the histories of the cases, make the physical examinations, the diagnosis and prognosis and suggest the line of treatment or operative procedure thought necessary, under the direction of the professor in charge. The clinical laboratories are under the direction of the departments of internal medicine, surgery, gynecology and nervous diseases, are all especially equipped, and furnish facilities for the scientific study of cases and are freely used by students as time and space permit. Stress is laid upon the value of ward and bedside instruction. The character of the hospital is such that this method of instruction can be carried out more fully and more systematically than in many hospitals available for teaching purposes. The practical hospital work which students of this department are able to do is excelled by few medical schools. Much of the work of giving treatment, of dressing wounds and of giving other detailed attention to patients is carried out, under proper supervision, by senior students. For the treatment of diseases of the nervous system, the hospital is furnished with apparatus for generating all kinds of electrical currents. Attendants especially skilled in the application of electricity and massage are put in charge of such cases and are assisted by senior students who aid them in this work. A lying-in ward is established in which senior students are given an opportunity to attend cases of labor and become familiar with the duties of the lying-in ward, under the immediate direction of the professor of obstetrics and his assistants. A large number of the cases admitted to the hospital are from a distance, and are of more than common interest, including numerous surgical and gynecological cases requiring major operation. There are also many cases of disease of the lungs, heart, blood, digestive system, the kidneys, and of the nervous system. The eye, ear, nose and throat services are large and replete with instructive cases. Patients with contagious diseases are treated in the isolation room of the hospital.

THE MEDICAL BUILDING

The Medical Department is situated on W Street, N. W., between Fifth and Sixth Streets. The LeDroit Park cars pass by the buildings,

and the Seventh Street, Ninth Street and U Street lines are within a few blocks, so that in ten minutes a student can reach the heart of the City.

The main building is a structure of four stories and basement. It contains the lecture rooms and the anatomic, physiologic, chemic, histologic, bacteriologic, pathologic, dental and pharmacal laboratories, all of which are well supplied with apparatus and materials for illustration. The laboratories are modern and thoroughly equipped.

ROOMS AND BOARD

The Secretary keeps a list of places where rooms and board may be obtained at reasonable prices. Board may be procured at the University dining hall at $10 per month.

TO PARENTS AND GUARDIANS

Parents and guardians who wish the Faculty to exercise some supervision over their children and wards should notify the Secretary. Students should keep the Secretary informed of their residences and changes in the same, both in and out of the city, so that if necessary he may communicate with them at any time.

RULES GOVERNING THE STANDING OF STUDENTS

In the future the marking of students will be as follows: A. Excellent; B. Good; C. Passed; D. Failed, must take examination over again; E. Must take the course over, which is in accordance with the rules of the Association of American Medical Colleges. Students will be notified only that they have or have not passed in the different branches of the work of the School.

Each student is obliged to attend eighty per cent of the exercises in every course or study for which he seeks credit.

Students must obtain a passing grade in each study in order to receive credit for the same. Students failing in three or more studies in any year will be required to repeat the work of that year, or may be advised to terminate their connection with the school, by vote of the Faculty. Students, except seniors, failing in less than three studies in any one year will be allowed a re-examination in such studies. Students failing in not more than two studies may be conditioned in such studies, but said conditions must be removed during the first half of the ensuing year. Senior students who fail in any subject must

repeat the work of the entire year. The work of making up conditions must be done outside of the regular scheduled hours.

A student whose work, for any reason, is not satisfactory will be so notified and if no improvement is noted he must expect to be asked to terminate his connection with the School.

The same principle will apply to candidates for graduation. The only standard for graduation will be the judgment of the faculty that the candidate for graduation is qualified for the degree of doctor of medicine, dentistry or pharmacy.

CLINICS AND PRACTICAL WORK

Clinics are held as indicated in the schedule of hours.

Seniors and juniors are required to attend these clinics, and their attendance and proper performance of their practical work will enter largely into determining their promotion or graduation.

Dental and pharmaceutic students must also attend the practical work of the Dental Infirmary and Hospital Dispensary, as well as the laboratory work in their respective Colleges.

POST MORTEMS

Post Mortem examinations will be made as often as possible, and students will be required to attend and assist. This will afford an excellent opportunity for the study of both normal and morbid anatomy, as well as the steps of the operation itself.

FEES

The College fees and cost of books, instruments, board, room, laundry and incidentals will hardly be less than $250 per session of thirty-two weeks.

Examination fee, *i. e., for all new* students	$ 5.00
Matriculation, *i. e., for new* students; paid once	5.00
Tuition, Medical College, per session	100.00
Tuition, Dental College, per session	80.00
Laboratory fee	20.00
Tuition, Pharmaceutical College, per session	80.00
Laboratory fee, first and second sessions, each	8.00
Senior year	10.00

Graduation fee	7.00
Library fee	1.00
Athletic fee	1.00

A laboratory deposit will be required for breakage, and must be paid before the student is admitted to the laboratory. This will be returned at the end of the session if there is no destruction of property.

All fees are paid to the Treasurer of the Faculty, William C. McNeill, M. D., and are payable, *half on registration, and half on the first of the following January.*

All fees must be paid before a student is promoted.

LECTURES AND RECITATIONS

Instruction is given in this school by didactic and clinical lectures, recitations and practical laboratory work. Students will not be allowed to absent themselves from lectures, recitations, laboratory work, clinical lectures and other practical exercises of their respective years. Instructors keep a record of attendance and report to the Secretary of the Faculty.

Examinations will be held in the several subjects at such times as the professors may determine, and at the close of the session. *Any student failing to pass examinations after three attempts in any subject will be advised to discontinue his connection with the school. Absence from one-fifth or more of a course will render a student ineligible for examination.*

SPECIAL LECTURES

At stated times important special lectures will be given. The object of these lectures is to afford the student an opportunity to attend special courses given by practitioners who are eminent specialists in their departments.

These lectures, which are accompanied, when desirable, by clinical demonstrations, add greatly to the value of the regular course.

NEW STUDENTS

The Secretary will at all times be pleased to receive the names of any prospective students in medicine, dentistry and pharmacy, and will be glad to send catalogues and announcements.

SPECIAL NOTICES

I. BEGINNING WITH SESSION 1914 THE MEDICAL COLLEGE OF HOWARD UNIVERSITY WILL REQUIRE OF ALL MATRICULANTS TWO YEARS OF COLLEGE WORK IN PHYSICS, CHEMISTRY, BIOLOGY AND A READING KNOWLEDGE OF ONE MODERN LANGUAGE BESIDES ENGLISH.

II. SECTION 1. "EVERY COLLEGE HOLDING MEMBERSHIP IN THIS ASSOCIATION SHALL, ON AND AFTER JANUARY 1, 1912, REQUIRE FOR MATRICULATION A COMPLETED OR UNCONDITIONED MEDICAL STUDENT'S CERTIFICATE, TO BE GRANTED BY A STATE MEDICAL EXAMINING AND LICENSING BOARD, OR A BOARD EMPOWERED BY STATUTE TO GRANT SUCH CERTIFICATES."—ARTICLE III, SECTION 1, CONSTITUTION OF THE ASSOCIATION OF AMERICAN MEDICAL COLLEGE.

PROSPECTIVE MEDICAL STUDENTS WILL DO WELL TO REMEMBER THE ABOVE REQUIREMENTS, AND SECURE THEIR MEDICAL CERTIFICATES BEFORE THE OPENING OF THE MEDICAL COLLEGE.

III. THE MEDICAL COLLEGE OF HOWARD UNIVERSITY IS NOW RECOGNIZED BY THE CONJOINT BOARD OF ENGLAND, AND ITS "GRADUATES ARE ADMITTED TO THE FINAL EXAMINATIONS OF THE BOARD IN MEDICINE, SURGERY, AND MIDWIFERY ON PRODUCTION OF EVIDENCE OF HAVING FULFILLED THE NECESSARY REGULATIONS IN REGARD TO GENERAL EDUCATION, AND TO THE PROFESSIONAL CURRICULUM EXTENDING OVER FIVE YEARS."

IV. PROSPECTIVE MEDICAL, DENTAL OR PHARMACEUTICAL STUDENTS WILL SAVE TIME AND THE POSSIBILITY OF MISCARRIAGE OF THEIR MAIL, IF THEIR LETTERS OF INQUIRY ARE DIRECTED TO THE DEAN OR SECRETARY OF THE SCHOOL OF MEDICINE, 5TH AND W STREETS, N. W.

V. THERE ARE NO FUNDS AVAILABLE FOR HELPING STUDENTS IN THE SCHOOL OF MEDICINE. THE FACULTY DOES NOT ADVISE PROSPECTIVE STUDENTS TO COME TO THE SCHOOL UNTIL THEY ARE ABLE TO PAY THEIR TUITION IN FULL, WITHOUT HAVING TO DEPEND UPON OUTSIDE EMPLOYMENT, AS THE SUCCESSFUL STUDY OF MEDICINE, DENISTRY OR PHARMACY CAN BE DONE ONLY BY THOSE WHO DEVOTE ALL OF THEIR TIME TO IT.

THE MEDICAL COLLEGE

REV. STEPHEN M. NEWMAN, A. M., D. D.
President of the University.

EDWARD A. BALLOCH, A. M., M. D., DEAN, 1511 Rhode Island Ave. N. W.
Professor of the Principles and practice of Surgery and Clinical Surgery.

DANIEL S. LAMB, A. M., M. D., LL. D., VICE-DEAN, 2114 Eighteenth St. N. W.
Professor of Anatomy.

WILLIAM C. McNEILL, M. D., SECRETARY AND TREASURER, 1526 L St. N. W.
Professor of Gynecology.

NEIL F. GRAHAM, M. D., 909 New York Avenue N. W.
Emeritus Professor of Surgery and Professor of Physical Diagnosis.

CHARLES B. PURVIS, A. M., M. D., Boston, Mass.
Emeritus Professor of Obstetrics and Gynecology.

WALTER W. ALLEGER, M. D., Phar. D., 143 U Street N. W.
Emeritus Professor of Bacteriology.

GEORGE N. PERRY, M. D., 1316 Q Street N. W.
Professor of Obstetrics and Pediatrics and Clinical Pediatrics.

COLLINS MARSHALL, M. D., 2507 Pennsylvania Avenue N. W.
Professor of Pathology and Clinical Miscroscopy; Director of Pathologic Laboratory.

PAUL BARTSCH, M. S., Ph. D., 2416 Fourteenth Street N. W.
Professor of Histology, Director of Physiologic and Histologic Laboratories; Lecturer on Medical Zoology.

EDWARD D. WILLISTON, A. M., M. D.,
Professor of Medical Jurisprudence, and Instructor in Clinical Obstetrics.

JOHN W. MITCHELL, M. D., Phar. D., 817 T Street N. W.
Professor of Materia Medica and Therapeutics, Clinical Assistant in Pediatrics.

ROBERT SCOTT LAMB, M. D., The Cecil.
Professor of Opthalmology and Director of Eye Clinic.

WILLIAM A. WARFIELD, M. D., 1901 Eleventh Street N. W.
Professor of Abdominal Surgery; Surgeon in Charge of Freedmen's Hospital.

J. J. RICHARDSON, M. D., 1509 Sixteenth Street N. W.
Professor of Otology, Laryngology and Rhinology.

WILLIAM G. ERVING, M. D., 922 Seventeenth Street N. W.
Professor of Orthopedic Surgery.

H. ATWOOD FOWLER, M. D., The Cumberland.
Professor of Genito-Urinary Diseases.

HENRY P. PARKER, M. D., 1728 Connecticut Avenue.
Professor of the Principles and Practice of Medicine.

MARCUS WARD LYON, Jr., M. D., Ph. D., 48 V Street N. W.
Professor of Bacteriology.

HERBERT CLAY SCURLOCK, A. B., M. D., 428 College Street.
Professor of Chemistry, Lecturer on Electro-Therapy.

ERNEST E. JUST, A. B., 1846 Third Street N. W.
Professor of Physiology.

CHARLES I. WEST, M. D., 924 M Street N. W.
Associate Professor of Anatomy.

AUSTIN M. CURTIS, A. M., M. D., Thirteenth and U Streets N. W.
Associate Professor of Surgery.

ALBERT RIDGELEY, M. D., 950 S Street N. W.
Associate Professor and Demonstrator of Anatomy.

EDGAR B. KEEMER, Phar. C., 319 T St. N. W.
Assistant Professor of Chemistry.

CARROLL A. BROOKS, M. D., 1321 T Street N. W.
Assistant in Clinical Obstetrics.

WILLIAM A. WELLS, Jr., M. D., Phar. G., 1161 First Street N. W.
Assistant Professor of Pathology.

CARYL BURBANK, M. D., 2147 F Street N. W.
Assistant Professor of the Principles and Practice of Medicine.

NEIL D. GRAHAM, A. B., M. D., 909 New York Avenue N. W.
Assistant Professor of Hygiene and Preventive Medicine.

WILLIAM A. JACK, M. D., 1918 Biltmore Street N. W.
Demonstrator of Practical Surgery.
ROY D. ADAMS, M. D., Stoneleigh Court.
Instructor in Embryology.
HENRY H. HAZEN, M. D., 1204 Eighteenth Street N. W.
Clinical Professor of Dermatology.
WILLIAM F. SOWERS, M. D., 1707 Massachusetts Avenue N. W.
Instructor in Clinical Surgery.
CHARLES H. MARSHALL, M. D., 2710 P Street N. W.
Clinical Assistant in Gynecology.
MILTON A. FRANCIS, M. D., 2112 Pennsylvania Avenue N. W.
Clinical Assistant in Surgery.
HARRY H. KERR, M. D., 1742 N Street N. W.
Instructor in Clinical Surgery.
MARTHA M. BREWER-LYON, M. S., M. D., 48 V Street N. W.
Clinical Assistant in Ophthalmology.
EDWIN H. REEDE, M. D., 1223 New Jersey Avenue N. W.
Clinical Assistant in Medicine.
ELIZABETH SOHON, M. D., 512 I Street N. W.
Clinical Assistant in Ophthalmology.
LEWIS C. ECKER, M. D., 1633 Connecticut Avenue N. W.
Clinical Assistant in Medicine.
MILTON HAHN, M. D., The Albany.
Clinical Assistant in Medicine.
RALPH B. STEWART, Phar. D., M. D., 1809 Fourth Street N. W.
Laboratory Assistant.
HAMILTON S. H. MARTIN, M. D., 1232 Fourth Street N. W.
Clinical Assistant in Otology, Laryngology and Rhinology.

REQUIREMENTS FOR ADMISSION TO HOWARD UNIVERSITY MEDICAL COLLEGE

The applicant for admission to the Medical College of Howard University must present to the Secretary of Faculty of the College at least ten days before the opening of the College his credentials, properly signed, showing that he has successfully pursued the subjects mentioned below, under the conditions stated:

REQUIREMENTS FOR ADMISSION

I. Those who have completed in a satisfactory way the Chemical-Biological course which leads to the A. B. degree in this University.

II. Graduates of approved colleges or scientific schools who can furnish evidence:

(*a*) That they have an acquaintance with Latin, and a reading knowledge of French or German;

(*b*) That they have such knowledge of biology, chemistry and physics as may be obtained by a two years' college course in these subjects, when accompained by laboratory work.

III. Those who give evidence by examination that they possess the general education implied by a degree in Arts or Science from an approved college or scientific school, and in addition, the required knowledge of French, German, Latin, physics, chemistry and biology indicated in section II.

APPLICATION BLANKS

APPLICATION FOR ADMISSION SHOULD BE MADE TO THE SECRETARY, WHO WILL FURNISH DETAILED INFORMATION AND BLANKS, RELATING TO THE PREVIOUS COURSE OF THE APPLICANT.

CERTIFICATES

APPLICANTS ARE REQUIRED TO FURNISH DETAILED CERTIFICATES FROM OFFICERS OF THE COLLEGE OR SCIENTIFIC SCHOOLS AT WHICH THEY HAVE STUDIED AS TO THE COURSES PURSUED IN BIOLOGY, CHEMISTRY AND PHYSICS.

FOREIGN CERTIFICATES

STUDENTS WHO PRESENT CERTIFICATES FROM FOREIGN SCHOOLS MUST HAVE THEM ACKNOWLEDGED AND SEALED BY SOME PROPERLY CONSTITUTED OFFICER OF THEIR GOVERNMENT IN ADDITION TO THE SEAL OF THE COLLEGE AND THE SIGNATURE OF THE HEAD OF THE SCHOOL.

EXEMPTION FROM ENTRANCE EXAMINATION

1. Those who possess a degree in Arts or Science from an approved college or scientific school, and in addition furnish satisfactory certificates concerning their training in biology, chemistry and physics, with evidence of acquaintance with Latin and a reading knowledge of French or German are admitted without examination.

2. Graduates of approved high schools who furnish satisfactory certificates, showing that they have had two years' work in college biology, chemistry and physics, as set forth in Groups IV and VI, and in addition possess a reading knowledge of French or German.

REQUIRED SUBJECTS

Group I

English Language—3 units.

(*a*) English Grammar.

(*b*) Rhetoric and Composition.

(*c*) Reading Classics.

Group II

History of the United States, as presented by standard authors, one unit.

General History as presented by Meyer's, one unit.

General History or equivalent text.

Greek and Roman History or English History will be accepted as a substitute for General History.

History—2 units.

Group III

Mathematics—3 units.

Algebra—through quadratics—standard authors, one unit.

Geometry—plane and solid—standard authors, one and one-half units.

Plane Trigonometry—one-half unit.

Group IV

Physics—two units.

In physics the candidate should have followed a collegiate course for at least two years. This should include three hours a week of classroom work, and at least three hours a week of *quantitative work in the laboratory*. Special attention should be given to theoretical mechanics, and to the mechanical and electrical experiments.

Chemistry—two units.

The candidate should have followed a course in general chemistry for at least two years. This course should include laboratory work, about three hours a week through two years, and lectures and classroom work covering the outlines of inorganic and organic chemistry.

Botany and Zoology, one unit each.

The candidate should have followed for at least two years a laboratory course of six or more hours a week, upon the structure, functions and life histories of selected types of animals and plants.

Group V

Modern Languages—2 units.

French or German. The applicant must be able to read French or German.

Group VI

Latin—2 units.

(*a*) Grammar.

(*b*) Prose Composition.

(*c*) Reading—Four books of Caesar's Gallic War.

Students are not permitted to enter with a condition in Latin.

A unit is the credit value of 36 weeks' work of 5 recitation periods per week, each recitation period to be of not less than 45 minutes.

A point is the credit value of 18 weeks' work of 5 recitation periods per week, each recitation period to be of not less than 45 minutes.

A count is the credit of one recitation period per week of not less than 45 minutes through 36 weeks.

INSTRUCTIONS

1. As used in this table, a Count is the measure of the work successfully completed in a secondary or high school pursued an entire school year of 36 weeks, in one weekly recitation period of not less than forty-five minutes.

2. The required group, 35 Counts, must be presented by all applicants. Sufficient counts to make a total of 60 Counts required may be selected from the elective group. The credit which will be accepted in the several studies is shown by the printed figures.

3. English Literature of the elective group may not be counted unless a year has been given to that subject in addition to the required 10 Counts in English, and Trigonometry may not be counted unless it is in addition to the required 10 Counts in Mathematics.

4. Civics is not accepted as a subject, but may be counted as a part of American History.

5. Biology is the equivalent of Botany and Zoology, and it can be given no credit if an applicant is credited with Botany or Zoology.

For those prospective medical students who cannot meet the above requirements, a six year course is recommended. Provision for such a course has been made in connection with the College of Arts and Sciences of Howard University.

For additional information, apply to the Secretary of the Medical Faculty, W. C. McNeill, M. D.

CREDIT FOR WORK IN ACCREDITED MEDICAL COLLEGES

It is considered desirable for students to complete their course in medicine at the institution at which they first matriculate. If, however, for any good reason, a change is desired, students from other medical colleges recognized by this Institution may be admitted to advanced standing under the following conditions:

FIRST: They must present a letter of honorable dismissal from the school they have attended, showing that they were in good standing and that all their bills were paid.

SECOND: They must present satisfactory evidence that they have, at the time they enter this College, fully completed the preliminary educational requirements for admission to the School.

THIRD: They must present credentials from the Dean or Secretary of the college which they have attended, properly signed and sealed, showing that they have been registered medical or dental students, and in residence for the time for which credit is sought.

FOURTH: They must present satisfactory evidence from the college attended showing that the amount and character of work they have completed is such as to entitle them to the advanced standing they seek in this School.

Time credits may be given to students who have the necessary entrance requirements, and who are graduates or students of Colleges of Homœopathic or Eclectic Medicine, for such courses of instruction of the required duration as they have successfully fulfilled, excepting in the course of the fourth year, provided they pass satisfactory examinations in Materia Medica and Therapeutics. Credit may be given to the holder of a Bachelor's Degree from an approved college or university for any work in the medical branches which he has successfully completed in his college course, only so far as it is the full equivalent of corresponding work in the medical curriculum. The holder of such Bachelor's Degree may also be given time credits of not exceeding one year, provided that such student has had at least 40 hours in physics, 144 hours in chemistry, 24 hours in osteology, 292 hours in human or

comparative anatomy, 124 hours in histology, 85 hours in embryology, 145 hours in physiology and 46 hours in Materia Medica; provided, that the applicant for such time credits satisfies the professors of the chairs mentioned in the medical school as to his proficiency in these first-year medical studies. Such student may be allowed to complete a course for the medical degree in not less than 31 months, provided he completes the remainder of the medical curriculum in that time.

CURRICULUM

The curriculum comprises Anatomy, Physiology, Histology, Materia Medica, Pharmacology, Therapeutics, Electro-therapeutics, General Chemistry, Organic Chemistry, Toxicology, Obstetrics, Embryology, Practice of Medicine, Surgery, Minor Surgery, Hygiene, Dietetics, Pathology, Medical Zoology, Post Mortem Work, Clinical Microscopy, Bacteriology, Gynecology, Pediatrics, Ophthalmology, Otology, Dermatology, Laryngology, Rhinology, Mental and Nervous Diseases, Genito-Urinary Diseases, Physical Diagnosis, Medical Jurisprudence, Tropical Medicine, and Anaesthetics.

Students are required to attend at least four courses of lectures in separate years, and pass a satisfactory examination in each branch of study, before becoming eligible for the Degree of Doctor of Medicine. The subjects of study for Freshmen are Anatomy, Physiology, Histology, Materia Medica, Pharmacology, Embryology. For Sophomores, Anatomy, Urinalysis, Hygiene, Physiology, Therapeutics, Organic Chemistry, Toxicology, Bacteriology and General Pathology. For Juniors, Dietetics, Obstetrics, Practice of Medicine, Pediatrics, Electro-therapeutics, Surgery, Physical Diagnosis, Pathology, Medical Zoology, Dermatology, and Clinical Microscopy. For Seniors, Practice of Medicine, Surgery, Gynecology, Ophthalmology, Otology, other specialties and Medical Jurisprudence. Post mortem work as often as practicable, and available to all the classes.

GRADUATION

Candidates for the degree of Doctor of Medicine shall be at least twenty-one years of age and of good moral character; shall have attended the courses of lectures, etc., above described, at some regular medical college, the Senior course at least being at this School. They shall pass the final examinations, and shall have paid their fees in full. Students who have attended three courses of lectures in another

school, affiliated with the Association of American Medical Colleges, may be examined for a degree on completing their senior course at this School, and shall be examined in all the senior branches and also in those branches which they have not previously passed. Senior students who fail in their examinations must repeat their senior studies.

SUMMARY OF THE REGULAR FOUR YEARS' COURSE

The graded curriculum is arranged as follows:

Freshman Year

ANATOMY.—Lectures, 2 hours; practical work, 16 hours; recitations, 4 hours a week for first semester; lectures, 2 hours; practical work, 6 hours a week for second semester.

HISTOLOGY.—Lectures, 2 hours; laboratory, 4 hours a week for the session.

PHYSIOLOGY.—Lectures, 4 hours; laboratory work, 10 hours; recitation, 1 hour a week for the second semester.

MATERIA MEDICA AND PHARMACOLOGY.—Lectures, 2 hours; laboratory work, 4 hours a week for the second semester.

ORGANIC CHEMISTRY AND TOXICOLOGY.—Lectures and recitations, 2 hours; laboratory work, 7 hours a week for the first semester.

PHYSIOLOGIC CHEMISTRY.—Lectures, 1 hour; laboratory work, 3 hours a week for the session.

EMBRYOLOGY.—Lectures, 2 hours; laboratory work, 4 hours a week for the second semester.

Sophomore Year

ANATOMY.—Lectures, 3 hours a week for the session; recitations, 2 hours a week for the second semester.

PHYSIOLOGY.—Lectures, 4 hours; laboratory work, 10 hours a week for the first semester.

THERAPEUTICS.—Lectures, 2 hours; laboratory work, 2 hours; first semester.

URINALYSIS.—1 hour a week for the second semester.

BACTERIOLOGY.—Lectures, 4 hours; laboratory work, 12 hours a week for the first semester.

PATHOLOGY.—Lectures, 4 hours a week; laboratory work, 12 hours for the second semester.

TOPOGRAPHIC ANATOMY.—2 hours a week for the second semester.

PHYSICAL DIAGNOSIS.—Lectures, 2 hours a week for the second semester.

PREVENTIVE MEDICINE, HYGIENE AND DIETETICS.—Lectures, 2 hours a week; laboratory work, 2 hours a week for the second semester.

BANDAGING.—2 hours a week for the second semester.

SURGICAL PATHOLOGY.—Lectures, 2 hours a week for the first semester.

MEDICAL ZOOLOGY.—2 hours a week for the first semester.

ELECTRO-THERAPY.—2 hours a week for the second semester.

Junior Year

PATHOLOGY.—Laboratory work, 10 hours a week for the first semester.

OBSTETRICS.—Lectures, 2 hours; clinics, 6 hours a week for the session.

SURGERY.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour a week for the session.

ORTHOPEDICS.—Lecture, 1 hour a week from November to May 1st.

PRACTICE OF MEDICINE.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour a week for the session.

CLINICAL MICROSCOPY.—4 hours a week for the session.

DERMATOLOGY AND SYPHILOLOGY.—Lectures, 2 hours; clinics, 2 hours a week for the first semester.

PEDIATRICS.—Lectures, 2 hours a week for first semester; clinics, 2 hours a week for the session.

Senior Year

GYNECOLOGY.—Lectures, 2 hours; clinics, 6 hours a week for the session.

SURGERY.—Lectures, 2 hours for the first semester; clinics, 6 hours; recitation, 1 hour a week for the session.

PRACTICE OF MEDICINE.—Lectures, 2 hours; clinics, 8 hours; recitation, 1 hour a week for the session.

ORTHOPEDICS.—Clinics, 4 hours a week from November to May 1st.

OPHTHALMOLOGY.—Lectures, 2 hours; clinics, 4 hours a week for first semester.

MEDICAL JURISPRUDENCE.—Lectures, 2 hours a week for the first semester.

MENTAL AND NERVOUS DISEASES.—Lectures, 1 hour; clinics, 1 hour a week for the session.

OTOLOGY AND LARYNGOLOGY.—Lecture, 1 hour a week for first semester; clinics, 2 hours a week for the session.

GENITO-URINARY DISEASES.—Lectures, 1 hour a week for first semester; clinics, 2 hours a week for the session.

TROPICAL MEDICINE.—Lectures, 15 lectures beginning February 1st.

POST-MORTEMS.—As often as practical.

THE DENTAL COLLEGE

(This College is a member of the National Association of Dental Faculties.)

FACULTY

REV. STEPHEN M. NEWMAN, A. M., D. D.
President of the University.

EDWARD A. BALLOCH, A. M., M. D., DEAN, 1511 Rhode Island Avenue N. W.
Professor of Oral Surgery.

DANIEL S. LAMB. A. M., M. D., LL. D., VICE DEAN, 2114 Eighteenth Street N. W.
Professor of Anatomy.

ANDREW J. BROWN, D. D. S., VICE DEAN, Dental College, 1326 L Street N. W.
Professor of Operative Dentistry and Operative Technic.

W. C. McNEILL, M. D., SECRETARY, 1526 L Street N. W.

CLARENCE H. HOWLAND, D. D. S., 825 Vermont Avenue N. W.
Emeritus Professor of Dental Anatomy and Pathology.

H. PORTER DAVIS, D. D. S., 1922 Third Street N. W.
Professor of Prosthetic Dentistry, Dental Metallurgy and Prosthetic Technic.

FRED P. BARRIER, D. D. S., Alexandria, Va.
Superintendent, Dental Infirmary and Lecturer on Dental Anatomy.

AMBROSE E. GASKINS, D. D. S., 1201 T Street N. W.
Demonstrator in Dental Infirmary and Lecturer on Crown and Bridge Work.

THOMAS W. EDWARDS, 1205 Linden Street N. E.
Demonstrator in Dental Infirmary.

COLLINS MARSHALL, M. D., 2507 Pennsylvania Avenue N. W.
Professor of Pathology.

PAUL BARTSCH, M. S., Ph. D., 2416 Fourteenth Street N. W.
Professor of Histology; Director of Physiologic and Histologic Laboratories.

MARCUS WARD LYON, JR., M. S., M. D., 48 V Street N. W.
Professor of Bacteriology and Director of Bacteriologic Laboratory.
EDWARD D. WILLISTON, A. M., M. D., 1507 S Street N. W.
Professor of Medical Jurisprudence.
HERBERT CLAY SCURLOCK, A. B., M. D., 428 College Street N. W.
Professor of Chemistry.
CHARLES I. WEST, M. D., 924 M Street N. W.
Associate Professor of Anatomy.
JOHN W. MITCHELL, M. D., Phar. D., 817 T Street N. W.
Professor of Materia Medica and Therapeutics.
ERNEST E. JUST, A. B., 1846 3rd Street N. W.
Professor of Physiology.
EDGAR B. KEEMER, Phar. C., 319 T Street N. W.
Assistant Professor of Chemistry.
ALBERT RIDGELEY, M. D., 1543 M Street N. W.
Associate Professor and Demonstrator of Anatomy.

REQUIREMENTS FOR ADMISSION TO THE DENTAL COLLEGE

The candidate may be admitted to the Dental College upon presenting a diploma or equivalent certificate from an accredited high school or kindred educational institution, or upon passing a satisfactory examination. The diploma must be signed by a superintendent of schools or the principal of a high school, or other responsible school officer. A certificate showing that a candidate has been graduated from an accredited high school, or from a school giving an equivalent course, signed by a city or county superintendent of schools, or by a State superintendent of public instruction, will be accepted as the equivalent of a diploma. A candidate who does not present a diploma or certificate must take an examination before a state superintendent of public instruction, or his deputy, and bring a report showing that the candidate has a preliminary education equivalent to that to be obtained in an accredited high school.

This School will receive no student in its regular course who is not present within ten days after the opening day of the session in each year, or, in case of necessary delay, by reason of illness properly certified by the attending physician, within twenty days after the opening day, at option of the Faculty.

Students registering agree thereby to accept the discipline imposed by the Faculty.

It is desirable that students register early.

ADMISSION TO ADVANCED STANDING

Students who present certificates from other recognized dental schools covering subjects required in this College, will be accredited with such studies if the credentials are satisfactory to the professors in the respective departments, but when admitted to the third year, the candidate must do one full year's work in this School. Graduates of recognized medical colleges are credited with one year of time.

COURSE FOR DEGREE OF DOCTOR OF DENTAL SURGERY

The course covers three years. The year begins on the first day of October and closes on Commencement Day of the University. There are thirty-two weeks of actual instruction given, six days in each week.

METHODS OF INSTRUCTION

The studies of the course are grouped by departments; the work of each department is graded from the more general and fundamental subjects to the more specialized and advanced.

The work of each department is planned with reference to that of other departments, and the greatest care is taken that the whole shall be so correlated that the student in taking up a new subject will find himself prepared by work done in other departments.

The course of study pursued in each year is different from each other year.

CURRICULUM

The curriculum comprises Anatomy, Anesthesia, Physiology, Histology, Materia Medica, Therapeutics, Chemistry, Toxicology, Metallurgy, Oral Surgery, Operative and Prosthetic Dentistry, Dental Technic, Pathology, Bacteriology, Hygiene, Orthodontia and Medical Jurisprudence.

The course is three years; the studies of the first year are the same as those of the medical students of the same year, with the addition of Operative Technique. During the second year the students must attend all the subjects of instruction if they wish to be graduated at the end of the third. They will be examined at the end of each year

in the corresponding branches; should they fail to pass or to be examined in any branch, they must continue attendance on the same during the ensuing year.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Dental Surgery is conferred upon those candidates not less than twenty-one years of age, of good moral character, who have completed satisfactorily the required course of study and have passed the examinations therein, and have fulfilled all technical and practical laboratory and clinical requirements. No student will be recommended for a degree who has not been a member of this School during the whole of the last or senior year. The standing of students is based upon examinations, monthly reports of attendance, quizzes and infirmary practice.

No student will be recommended for a degree until all financial obligations to the University shall have been discharged.

SCHOLARSHIPS

The Faculty of the School of Medicine has granted one free scholarship in the Dental College to graduates of the M Street High School and the Armstrong Manual Training School, Washington, D. C. The recipients of these scholarships are to be named by the Faculty Council of this College upon proper recommendation.

SPECIAL LECTURES

At stated times important special lectures will be given. The object of these lectures is to afford the student an opportunity to attend special courses given by dental practitioners who are eminent in some special branch of the subject.

These lectures, which are accompanied by clinical demonstrations, add greatly to the value of the regular course.

LECTURES, ETC.

What has already appeared under this heading in regard to the Medical College will apply in the corresponding branches to the Dental College.

DENTAL INFIRMARY

Frederick P. Barrier, Superintendent.
Ambrose E. Gaskins, D. D. S., Senior Demonstrator.
Thomas W. Edwards, D. D. S., Demonstrator.

The Dental Infirmary and Laboratory have been moved to a larger building, with 6,000 square feet of floor space, which is well lighted, ventilated and gives increased facilities. New dental chairs and laboratory apparatus have been added so that the equipment of these departments compares favorably with that of the best colleges, and is especially designed for the successful teaching of modern dentistry. The opportunities offered students for special preparation to enter private practice are not exceeded by any other college.

The Infirmary is open the year round, daily, except Sunday, from 10 A. M. to 5 P. M. It is in charge of educated and experienced demonstrators. Here are taught in practice the theories set forth by the three chairs. Abundant clinical material is always at hand, and students are required to perform all operations in ordinary practice. No student is excused from this service. The outfit of the Dental Infirmary and of the laboratory is complete.

Students furnish their own instruments, except forceps, lathes and vulcanizers. Dental engines can be bought for from $15.00 to $36.00 apiece. A list of the necessary instruments will be furnished to first-year students, the cost of which will not exceed $20.00.

Special pains will be taken to make the course of teaching practical and at the same time thorough.

No student can enter the senior class unless he has the certificate of the demonstrator and professor that he has attended the regular afternoon clinics during the session.

The fact that the immense hospital of the University, with all its wealth of instruction, is free to the dental classes, and that this hospital is at the very door of the College, makes the opportunity for study unsurpassed.

All friends of the College are requested to add to the collection of curiosities and abnormal specimens now accumulating. Dentists are reminded that the abnormal specimens lying idle in their cabinets may be of great benefit to the student.

THE PHARMACEUTIC COLLEGE

FACULTY

REV. STEPHEN M. NEWMAN, A. M., D. D.
President of the University.

EDWARD A. BALLOCH, A. M., M. D., DEAN, 1511 Rhode Island Avenue N. W.

J. HERVÉ PURDY, Phar. D., VICE DEAN, 2612 University Place N. W.
Professor of Pharmacy, and in charge of Pharmaceutic Laboratory.

W. C. McNEILL, M. D., SECRETARY.

EDGAR B. KEEMER, Phar. C., 319 T Street N. W.
Professor of Theory and Practice of Pharmacy.

JOHN W. MITCHELL, M. D., Phar. D., 817 T Street N. W.
Professor of Materia Medica and Therapeutics.

HERBERT CLAY SCURLOCK, A. B., M. D., 428 College Street N. W.
Professor of Chemistry and Urinalysis.

ERNEST E. JUST, A. B., 1846 3rd Street N. W.
Professor of Physiology.

MARCUS WARD LYON, JR., M. S., M. D., 48 V Street N. W.
Professor of Miscroscopy and Bacteriology; Director of the Bacteriologic Laboratory.

ADVANTAGES

It is of great advantage to the students of pharmacy to attend a college where medicine, dentistry ond pharmacy are taught simultaneously. Students of pharmacy have the benefit of thus associating with a large number of students in annual attendance, coming from all parts of the world, and, as students comprising the different schools are considered on an absolute equality, all have the access to the various clinics, etc., thus affording the students of pharmacy an exceptional opportunity of association with students pursuing studies so intimately related as the professions of pharmacy, medicine and dentistry.

REQUIREMENTS FOR ADMISSION

Applicants for admission must present a certificate of good moral character and fitness to enter upon the study of Pharmacy, shall be at least seventeen years of age, and shall have had eight years of grammar school work and two years of high school work or equivalent, which shall include one year's study in Latin.

ENTRANCE WITHOUT EXPERIENCE

Students are not required to have drug store experience at entrance, and many students enter college who have never worked in drug stores. However, such experience is very desirable, and students are advised to acquire it before taking up the study of Pharmacy.

SCHOLARSHIPS

The Faculty of the School of Medicine has granted free scholarships in the Pharmaceutic College to graduates of the M Street High School and the Armstrong Manual Training School. The recipients of these scholarships are to be named by the Faculty Council of this College upon proper recommendations.

COURSE OF STUDY

Three years' study required before graduation.

The rapid progress made in the sciences and arts directly affecting the practice of Pharmacy, and the widely diversified knowledge now required to keep the pharmacist in touch with the best results of modern research, have made an extension of the course of instruction imperatively necessary. Students entering the College will therefore be required to take a course of study covering a period of three years before they will be entitled to graduation. Upon entry, students will be assigned to the first year class, from which, after passing a satisfactory examination, they will be promoted to the second year and senior classes at the end of the first and second scholastic years respectively.

CURRICULUM

The curriculum comprises Chemistry, Toxicology, Urinalysis, Botany, Materia Medica, Therapeutics, Pharmacy, Pharmacology, Microscopy, Physiology, and Bacteriology.

The course in pharmacy comprises three sessions, each of not less than thirty teaching weeks' duration.

LECTURES, ETC.

Instruction will include didactic lectures, recitations and laboratory work.

What has already appeared under this heading, in regard to the Medical College, will apply in the corresponding branches to the Pharmaceutic College.

The student is admonished that his conduct in the laboratory, his punctual attendance in his classes and interest shown in his work, will have great weight with his instructors, while the lack of these qualities will certainly act against him.

Students will be required to have the necessary textbooks for each branch at the beginning of the session. It has been so arranged that only such books as are needed will have to be purchased at once.

EXAMINATIONS

Examinations are held during the week preceding the Christmas vacation. At the close of the session of the first year, students are examined upon the subject matter of the courses included in the year's work. Students failing in three of the subjects of either year are required to repeat the whole year's work and are not eligible for promotion. Students who are conditioned in the subjects of the first year, but who have passed in a majority of them, are examined on the subjects in which they have conditions at the opening of the succeeding session. Failing to pass then they are required to repeat the course in the subjects on which they are conditioned, in addition to the work of the other year.

ADMISSION TO ADVANCED STANDING

Students who have attended one or more courses of lectures at some other registered college of pharmacy will be admitted to the same class of this College upon presentation of evidence that they have successfully passed their examinations, to which they are entitled by reason of time spent and branches passed.

The final examinations, of which due notice will be given, are held during the two weeks preceding commencement. For admission to senior examinations, attendance upon three full courses of lectures and the laboratory courses is required.

REQUIREMENTS FOR GRADUATION

The diploma of the College confers the degree of DOCTOR OF PHARMACY (Phar. D.). Applicants for this degree must have had the required preliminary education, be of good moral character, have attended three full courses in this College, or the last course in the College and the first two in some other registered college of pharmacy; have passed satisfactory examinations and paid all fees as hereafter stated.

POST-GRADUATE SCHOOL AND POLYCLINIC FOR MEDICINE AND DENTISTRY

Rev. Stephen M. Newman, A. M., D. D., *President.*
Edward A. Balloch, A. M., M. D., *Dean.*
Daniel S. Lamb, A. M., M. D., *Vice-Dean.*
Wm. C. McNeill, M. D., *Secretary.*

GENERAL STATEMENT

The Medical Faculty desires to inform the Alumni of the Medical and Dental Colleges of Howard University, and the profession throughout the country and the British West Indies, that the *seventh session* of the Howard University Post-Graduate School and Polyclinic will begin June 1, 1914, and continue six weeks for the Medical Course and four weeks for the Dental Course.

REQUIREMENTS FOR ADMISSION

This School of Instruction is exclusively for members of the Medical and Dental professions whose credentials are satisfactory.

For additional information apply to W. C. McNeill, M. D., Secretary, Fifth and W Streets, N. W.

THE SCHOOL OF LAW

FACULTY

STEPHEN M. NEWMAN, A. M., D. D.
President.

BENJAMIN F. LEIGHTON, LL. D., Dean.
Lecturer on Elementary Law, on the Law of Contracts, and Constitutional and Statutory Law; also Judge of Appellate Court.

ARTHUR A. BIRNEY, LL. B. (late U. S. District Attorney.)
Lecturer on Pleading and Practice (at Law and Equity), Equity and Admiralty Jurisprudence; also Judge of Appellate Court.

WILLIAM H. H. HART, A. M., LL. M.
Lecturer on Torts, Crimes and Misdemeanors, Corporation, Criminal Pleading and Practice.

WILLIAM H. RICHARDS, LL. B.
Lecturer on Evidence, Personal Property and International Law; Judge of Appellate Court.

GEORGE F. WILLIAMS, LL. M.
Lecturer on the Law of Real Property and Commercial Paper.

MASON N. RICHARDSON, A. M., LL. B.
Lecturer on Partnership, Sales, Executors and Administrators, Insurance, Instructor in Pleading and Practice, Judge of Moot Court.

ROBERT H. TERRELL, A. M., LL. M. (Judge Municipal Court, D. C.)
Lecturer on Jurisprudence, Practice of Inferior Courts, Legal Ethics and Domestic Relations; President of the Blackstone Club.

DION S. BIRNEY, A. B., LL. B.
Instructor in American Cases on Contracts.

JAMES F. BUNDY, A. M., LL. M.
Secretary and Treasurer.

WILLIAM H. RICHARDS, LL. B.
Librarian.

GEORGE F. COLLINS, LL. B.
Assistant Librarian.

GENERAL STATEMENT

The School of Law occupies its own building, a handsome three-story structure, opposite the District Court House, at 420 Fifth Street, N. W. A brief description of the building may be found on page 22.

ADVANTAGES

Washington offers exceptional opportunities to students of law. The fact that Congress assembles here; that here the Supreme Court of the United States and the Court of Claims, with its special jurisdiction, sit; that the various Executive Departments of the general government are located here, should present to the thoughtful, ambitious law student cogent reasons for spending his school life in Washington.

Beside these special advantages, found nowhere else, the Supreme Court of the District of Columbia is trying causes, civil and criminal, in accordance with the principles of common law practice and procedure, most of the year, and the Equity Court holds a term every month except August. To all these courts students have free access.

There is a superior working law library connected with the school. It is open to students during the school year, at suitable hours.

The Congressional Law Library of upward of 50,000 volumes is open to the pubilc twelve hours each day, thus furnishing gratuitously to the student unsurpassed facilities for investigation.

ADMISSION

All applicants for admission as students in the School of Law must be graduates of some recognized college, high school or academy, and all, except such graduates of some recognized college or university, must pass a preliminary examination. Professor Richards meets applicants for examination on Mondays and Wednesdays during September.

Those desiring to become members of the school should enter their names upon the register of students in the hands of the Secretary, at or before the opening of the academic year, from which registry the roll of students is made up.

It is advised that Blackstone's or Kent's Commentaries and the Federal Constitution be read before entering. A good law dictionary is almost indispensable; Bouvier or Anderson is recommended.

COURSES OF STUDY AND DEGREES

The regular course for the degree of Bachelor of Laws covers a period of three years, and is divided into Junior, Middle and Senior.

The text-books to be used, subject to change, of which due notice will be given are as follows:

First year: Robinson's *Elementary Law;* Blackstone's *Commentaries;* Tiedeman on *Real Property,* as far as the chapter on Trusts; Darlington's *Personal Property;* Lawson on *Contracts,* enlarged edition; Daniel and Douglas' *Elements of the Law of Negotiable Instruments;* Schouler on *Domestic Relations;* Hale on *Torts;* Clark on *Criminal Law.*

Middle Year: Andrew Stephen's *Pleading;* Adams on *Equity;* Shepard's *Selected Cases in Equity;* Clark's *Criminal Procedure;* Greenleaf's *Evidence,* Vol. I; Tiedeman on *Real Property;* Wambaugh's *Study of Cases; American Cases on Contracts,* by Huffcut and Woodruff.

Senior Year: Cooley's *Principles of Constitutional Law;* Boyd's *Constitutional Law Cases;* Clark on *Corporations;* Burdick on *Partnership;* Burdick on *Sales;* Elliott on *Insurance;* Greenleaf on *Evidence,* Vols. II and III; Schouler's *Executors and Administrators;* Wolsey on *International Law.*

Students anticipating the study of law, as well as those already registered in the School of Law, who may feel the need of strengthening their general education may pursue without extra charge courses in English History, American History, Latin, French, Argumentation, and Political Science, in the regularly organized classes of the College of Arts and Sciences. Courses in Economics, Psychology, History, International Law, Commercial Law, Logic, Ethics and Sociology are also open to students of the School of Law.

Special lectures are given on special subjects by eminent members of the legal profession from time to time.

It is absolutely necessary for the proper mastery of the course of study prescribed that each student should own a complete set of text-books named above; failure to do so will hinder proper advancement and the mastery of the subjects discussed, and has, in the past, frequently prevented students from obtaining degrees, either absolutely or within the time laid down in the curriculum.

Classes meet at 6.15 each week day during the scholastic year, excepting the usual holidays. This enables many young men who have

employment during the day to take advantage of the opportunity offered in the School of Law to equip themselves for larger usefulness. The course of study is so adjusted that the student may extend his studies over a series of years for the completion of the course, or may pursue partial courses and special subjects, receiving due credits for the same.

There are written examinations during the year in all the subjects embraced in the curriculum, in addition to which there are daily oral examinations of students on topics previously assigned or discussed. The general deportment of students, their attention to study, the accuracy and fullness of their answers to the daily examinations are taken into account, in connection with the written examinations, in determining the worthiness of applicants for degrees.

COURTS AND CLUBS

A Moot Court, under the supervision of Prof. Mason N. Richardson, sits weekly, and is made to resemble, as far as possible, an ordinary court of common law and equity jurisdiction. Cases are assigned to students on prepared statements of facts, pleadings are drawn and argument had upon the legal propositions involved, the same as in actual cases. Students thus obtain a better practical knowledge of pleading and practice than can be acquired in any way aside from the trial of actual cases.

The Blackstone Club meets weekly for the discussion of legal questions drawn from leading cases. The questions to be discussed are prepared by Dean Leighton.

This organization was formed mainly for the benefit of the Juniors, but members of the other classes generally participate in the discussions. Thus the student has, from his entrance upon his studies until he gets his degree, a constant drill in the discussion of legal questions and practice in forensic debate.

An Appellate Court has also been organized, which will sit to hear cases on appeal from the Moot Court or Blackstone Club at such times as may be designated by the court, and the audit of the Appeal Docket may require.

The School has no funds with which to aid indigent students. Energetic, industrious students can often succeed in securing employment in the various boarding houses and hotels of the city, by which they succeed in working out their board and often net a little money besides.

TUITION $50, payable semi-annually in advance. Library fee, $1; athletic fee, $1, payable annually in advance. A matriculation fee of $5 is charged by the University, payable by those who have never enrolled in any department. Fee for diploma at graduation $5.

The cost of books for the first year is about $30; for the second, $20.

School year, October 1st to May 25th. For further information, apply to

JAMES F. BUNDY, *Secretary,*
Law School Building, 420 Fifth Street N. W., Washington, D. C.

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School year, October 1st to May 25th. For further information, apply to

JAMES F. BUNDY, *Secretary*,

Law School Building, 420 Fifth Street N. W., Washington, D. C.

THE ACADEMY

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.
President.
GEORGE J. CUMMINGS, A. M., DEAN.
Professor of Latin and Greek.
CHARLES S. SYPHAX, A. B., LL. M., VICE DEAN.
Associate Professor of Mathematics, and Acting Dean.
EDWARD P. DAVIS, A. M.
Associate Professor of Latin and Greek.
ANNIE R. BARKER, A. M., Ph. B.
Instructor in English and History.
JOSEPH G. LOGAN, Ph. B.
Instructor in Physics and Chemistry.
SARAH N. MERIWETHER, A. B.
Instructor in English and History.
*CLIFFORD C. ROBERTSON, A. B., Ph. B.
Instructor in Mathematics.
DANIEL W. EDMONDS, Ph. B.
Instructor in Latin.
CYRUS W. MARSHALL, A. B.
Instructor in Mathematics.
HALLIE C. QUEEN, B. S.
Instructor in History and Physiography.

The following teachers give instruction to Academy classes as indicated:

WALTER DYSON, A. M.
Instructor in History.
JAMES S. THOMAS, A. B.
Instructor in German and French.

*Deceased.

THOMAS W. TURNER, A. M.
Instructor in Biology.
CARL J. MURPHY, A. M.
Instructor in German.
HAROLD D. HATFIELD, B. S. in C. E.
Instructor in Woodworking.
HAROLD A. HAYNES, B. S. in E. E.
Instructor in Drawing.
CHESTER LYLE.
Instructor in Printing.
HELEN BROOKS IRVIN,
Instructor in Domestic Science.
MABEL M. JACKSON,
Instructor in Domestic Arts.

GENERAL STATEMENT

The Academy was established by the trustees of the University to provide instruction necessary for the adequate preparation of students for the "College of Liberal Arts." It was essentially at first a preparatory school; but its curriculum is now designed and adapted to meet the needs not only of those whose aim is college preparation but also of those who seek a general high school education, or who enter immediately upon professional study.

It aims to attract students of purpose and ability, and withal, of high moral standards. It is, therefore, no place for those who are so lacking in self-control as to be in constant need of parental restraint or of the special supervision of the schoolroom. A proper regard for duty and a willingness fully to meet all reasonable regulations are absolutely essential. Students whose influence is unwholesome, who manifest habitual indolence, inattention to study, or inability to make satisfactory progress in their classes will be required to withdraw from the Academy.

Opportunities for self-help are open to a few students whose conduct and scholarship are satisfactory. For information as to expense, consult statements of "Expenses" under head of General Information, page 28.

ADMISSION

Every applicant for admission is required to present a testimonial of good moral character. Those coming from other schools must bring

or send in advance a certified statement of the work done in the last school attended, and a certificate of honorable dismissal. The admission of a student implies, on the part of himself and of his parents, an agreement to abide by all the rules and regulations of the Academy.

All applicants for admission to the Junior class must be prepared to take examinations in the following subjects: English grammar and composition, United States history and constitution, arithmetic and geography. Applicants who have completed the eighth grade of the District public schools are admitted on certificate.

Applicants for admission to higher classes must give satisfactory evidence of their fitness to do the work of the class they wish to enter.

Credit will be given to those who present full and detailed records of work successfully pursued in other academies or accredited high schools. These records should give the number of recitations per week in each subject, the length of the recitation period and the grades made. In all cases advanced classification is tentative and conditioned on the quality of the work done here.

Examinations for admission are held on the opening days of the first semester. All applicants should present themselves at the opening. All former students, who are late in joining their classes, will be required to make up within two weeks, all work omitted by delay in registering.

SPECIAL STATEMENT

The Dean will be in his office on the Monday and Tuesday preceding the opening day in September to receive parents and students who may wish to consult with him. New students will find it advantageous to arrange their programmes of study with the Dean on either of these days.

Special attention is called to the fact that the courses in mathematics and the languages begin at the opening of the school year. Those not entering these classes at the opening must be prepared to the point reached by the class at the time of their late entrance.

Students desiring to prepare for a technical school may substitute Mechanical Drawing for Latin or German, and Woodwork or Metal Work for Botany in the Senior year of the scientific course. In the second semester of the Senior year, scientific course, Economics may be taken instead of Spherical Trigonometry. Those registering in the Conservatory of Music may at the same time pursue courses in the Academy, with a view to graduation.

SCHOLARSHIPS

A permanent scholarship of $25.00 is offered by the Dean of the College of Arts and Sciences "to the graduate of the Academy who shall maintain the highest average in his studies and who may wish to pursue his studies in the College of Arts and Sciences for the next ensuing year."

The Dean of the Teachers College also offers a permanent scholarship of $25.00 "to the highest ranking graduate of the Academy desiring to enter the Teachers College."

GRADUATION

A student who has honorably completed the work of any one of the three regular courses of the Academy is eligible for graduation with diploma. Those fulfulling the requirements of either of the vocational courses are eligible for graduation with certificate.

A unit is a course of study which continues throughout the year with four recitations per week of an hour each. Not less than two units of Latin will be allowed to count toward graduation.

Certificates of graduation from the Academy are accepted by the leading colleges, which admit on certificate. The Faculty of the Academy points with pride to the records of many of its graduates who have entered the eastern colleges.

COURSES OF STUDY

The Academy offers five complete courses of study, the classical, the scientific and the normal or general high school course, and two vocational courses, domestic arts and domestic science.

ACADEMIC COURSES

Junior Year

Classical	Hours	Scientific	Hours	Normal	Hours
Latin I	4	Latin I	4	Latin I	4
Mathematics I	4	Mathematics I	4	Mathematics I	4
English I	4	English I	4	English I	4
History I	3	History I	3	History I	3
Hygiene	1	Hygiene	1	Hygiene	1
Drawing I	2	Drawing I	2	Drawing I	2
Manual Training	2	Manual Training	2	Manual Training	2
	20		20		20

Sub-Middle Year

Classical	Hours	Scientific	Hours	Normal	Hours
Latin II	4	Latin II	4	Latin II	4
Mathematics II	4	Mathematics II	4	Mathematics II	4
English II	4	English II	4	English II	4
History II	3	History II	3	History II	3
Physiography	2	Physiography	2	Physiography	2
Drawing II	2	Drawing II	2	Drawing II	2
Manual Training	2	Manual Training	2	Manual Training	2
	21		21		21

Middle Year

Classical	Hours	Scientific	Hours	Normal	Hours
Latin III	4	Latin III, or German I	4	Latin III, German I, or French I	4
Greek I	5	Mathematics III	3	Mathematics III	3
English III	5	English III	4	English III	4
Physics	5	Physics	5	Physics	5
		History III	3	History III	3
	19		19		19

Senior Year

Classical	Hours	Scientific	Hours	Normal	Hours
Latin IV	4	Latin IV, or German II	4	Latin IV, German II, or French II	4
Greek II	6	Mathematics IV or Psychology	3	English IV	4
English IV	4	English IV	4	History IV	3
Mathematics III or German I	4	Chemistry	5	Biology	4
		Biology	4	Psychology	3
	18		20		18

VOCATIONAL COURSES

First Year

Domestic Arts

The same as the studies in the Junior Academy.

Domestic Science

The same as the studies in the Junior Academy.

Second Year

Domestic Arts	Hours	Domestic Science	Hours
English	4	English	4
Latin	4	Latin	4
Chemistry	5	Chemistry	5
Drawing	2	Physiology	4
Domestic Arts I (a)	2	Domestic Science I	6
Domestic Arts III	2	Domestic Science II	1
Domestic Science I	3	Emergencies	1

Third Year

Domestic Arts	Hours	Domestic Science	Hours
English	4	English	4
German	4	German	4
Biology	4	Biology	3
Drawing	2	Chemistry	5
Domestic Arts I (b)	2	Home Economics	1
Domestic Arts II	1	Advanced Cooking	6

Fourth Year

Domestic Arts	Hours	Domestic Science	Hours
Psychology	3	Psychology	3
History of Education	3	English	4
Methods	1	German	4
Practice in Teaching	2	Methods	2
German	4	Practice in Teaching	2
Domestic Arts IV	6	Physiography	3
Domestic Arts VI	2	Dietetics	1
		Sanitation	1

DESCRIPTION OF COURSES.

Latin

I. This course is devoted to the mastery of forms and elementary syntax, and to the acquirement of a working vocabulary. During the second semester there is translation of simple Latin at sight and from hearing. After the completion of the Latin lessons, easy fables and stories are read. The text is Pearson's Essentials of Latin, Revised.

II. There is further work in inflection and in the building of a vocabulary. Syntax is studied with careful attention to idioms.

Translation at sight and from hearing is required. The first four books of Caesar's Gallic War are read. Prose composition based on the selections read occupies one recitation period each week. The texts used are Bennett's Caesar, Bennett's New Latin Composition, and Bennett's Latin Grammar.

III. This course embraces six orations of Cicero—the four against Catiline, the Manilian Law, and Archias—with selected passages from Sallust's Castiline. During the latter part of the second semester Book I, of Vergil's Aeneid and selections from Ovid's Metamorphosis are read. Latin prosody is studied and applied to the metrical reading of Vergil and Ovid. There are weekly lessons in prose composition throughout the year. Allen and Greenough's Cicero, Allen and Greenough's Latin Grammar and Kittredge's Vergil are used.

IV. The first book of the Aeneid is reviewed, and at least five others are read. Daily practice is given in applying the principles of prosody and in gaining facility in scanning. An effort is made to develop appreciation of this great epic in its literary, and moral phases. Themes are assigned on topics suggested in the reading. There is prose composition weekly throughout the year. Kittredge's Vergil, and Allen and Greenough's Latin Grammar are the texts used.

Greek

I. There is daily drill in oral and written exercises. Careful attention is given to mastery of forms and to the study of syntax. The Greek lessons are completed in the second semester, and Xenophon's Anabasis is begun. The text books are White's First Greek Book, Goodwin's Anabasis and Goodwin's Greek Grammar.

II. In this course four books of the Anabasis are completed, with systematic review of forms and syntax. The course covers also three books of Homer's Iliad. Thorough practice is given in prosody and scanning. Sterrett's Iliad is used.

English

The courses in English include training in composition and reading of literature. They aim (1) to give the student such standards of correctness as will enable him to express his thoughts with clearness and facility, and (2) to arouse in him an interest in good books, thereby cultivating a habit of reading and a love of the best and noblest in literature.

I. In the first semester, there is a review of the principles of English grammar, in the study of which especial attention is given to the analysis of sentences, to participles and infinitives, and to verbs. Constant drill is given in oral and written composition and much attention is given to orthography, syntax and sentence structure.

In the second semester, the class reads two or more selections from College-Entrance Requirements in English; preference this year being given to George Eliot's Silas Marner and Matthew Arnold's Sohrab and Rustum. In connection with the reading, the work in composition is continued.

Texts: Thomas and Howe's Composition and Rhetoric, Buehler's Modern English Grammar.

II. In the first semester the rules of punctuation are learned and applied. Reading from the College-Entrance Requirements in English is continued.

In the second semester, the class studies the general principles of Rhetoric. Composition work involving the application of rhetorical principles accompanies this study. The text book now in use is Lockwood and Emerson's Composition and Rhetoric. This book, however, is subject to change.

III. In the third year, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas are studied. Lowell's Vision of Sir Launfal, Coleridge's Ancient Mariner, Goldsmith's Deserted Village, Scott's Lady of the Lake, and other selections from College-Entrance Requirements in English are read. Occasional composition work accompanies the study and reading. Drill is given upon figures of speech and scansion of poetry.

IV. In the fourth year, Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration, Macaulay's Essay on Samuel Johnson, or Carlyle's Essay on Burns, and Shakespeare's Macbeth are studied. There are other readings form the College-Entrance Requiremnts in English. The general characteristics of the debate, the essay and the drama are taught. At least one theme requiring much thought and care in preparation must be presented each semester.

German

I. The work of this course consists of a study of pronunciation and the elementary principles of grammar. A constant effort is made to

acquire a use of the language by reading, speaking and frequent repetition of easy sentences. (Open to classical Seniors ond Middlers in scientific or normal course.) Spanhoofd's Lehrbuch der deutchen Sprache is used as a text.

II. This course is a continuation of practice in speaking and writing the language, and of drill in grammar and the use of idioms. (Open to Seniors who have completed Course I.) The following text-books are used, Volkmann's Kleine Geschichte; Heyse's L'Arrabbiata and Bacon's Im Vaterland.

French

I. The work of the course consists, primarily, of a thorough study of the rudiments of French grammar. Particular emphasis is laid on pronunciation and there is frequent practice in simple conversation and reading aloud. About 200 pages of graduated French texts are read. The text-books used are Foster and Aldrich's Foundations of French; Symm's Easy French Reader.

(Open to Middlers in normal course.)

II. This course is devoted largely to the translation of French prose and poetry. There is constant drill on the idiom and at least a third of the time is spent on systematic prose composition and dictation. About 300 pages of French texts are read. The text-books are Halevy's L'Abbe-Constantin; Dumas' La Tulipe Noire; About's Le Roi des Montagnes. (Open to Seniors in normal course.)

Mathematics

I. Elementary Algebra. The course comprises the study of Elementary Algebra through quadratics. Fours hours a week for one year are given to it. It aims not only to acquire readiness and accuracy in abstract manipulations, but also to train in the solution of concrete problems by means of the equation. Drill necessary to secure these results is abundantly given.

The text-book is Wentworth's Elementary Algebra.

II. Plane Geometry. This course covers the five books of Plane Geometry. Four hours a week, for one year. At first the work is receptive and so continues until the student acquires the art of rigorous demonstration; after which he is required to do much original and in-

dependent work. By means of numerous graded exercises he is stimulated to invent demonstrations for himself. Concrete exercises are also given.

The text-book is Wentworth's Plane Geometry, Revised.

III. (a) Solid Geometry. This course, embracing the three books of Solid and Spherical Geometry is completed in the first semester. Clear conception, concise statement, careful construction and logical demonstration are uniformly insisted on. Independent work in numerical computations is required. Three hours a week during first semester.

III. (b) Intermediate Algebra. This work includes a review of the fundamental topics treated in Mathematics I, and in addition, embraces a careful study of equations in quadratic form, simultaneous quadratics, ratio and proportion and the progressions. Some familiarity with logarithmic tables is given. Three hours a week, during second semester.

IV. (a) Plane Trigonometry. The course in Plane Trigonometry includes the fundamental definitions, the development of general formulas and their application to problems; the solution of right and the oblique triangle and numerous trigonometric equations. Three hours a week during the first semester. Full credit for the course is given in the School of Liberal Arts.

IV. (b) Spherical Trigonometry, when elected, is taken with Freshmen in the School of Liberal Arts. Three hours a week, during the second semester.

History

I. Ancient History. The course deals with Greece and Rome principally, but includes some account of the Oriental nations and of the Middle Ages to the ninth century. Emphasis is laid on the geography of the ancient world. Text: Goodspeed's History of the Ancient World.

II. English History. This course traces the development of the political institutions and the progress of the English people along social, industrial and economical lines. Emphasis is laid on the early mingling of races, the rise of Parliament and the relation of England to her colonies. The aim is to develop an appreciation of historical movements and events, and the ability to form accurate judgments. Geography receives due attention. Text-book: Cheyney's Short History of England.

III. American History. This course presupposes a knowledge of the elementary facts, such as is gained in a good grammar school. The distinctive features and controlling forces of colonial and national life are studied topically. Especial attention is given to the Greater United States, to the insular possessions and to the present relations of the United States with other countries. Students are required to do much outside reading. The text used is Muzzey's American History.

IV. Civics and Economics. This course is intended to give the student a thorough knowledge of American constitutional law, and to prepare him for active and intelligent citizenship. It acquaints him with the machinery and varied activities of the American government and encourages the study of modern problems and conditions. Collateral reading is assigned. The second semester is devoted to the elements of Economics with special reference to the problems which confront the United States to-day. Students will be required to read "Current Events" and to attend lectures and the sessions of Congress when necessary and possible. The text used is Clark's Civil Government.

PHYSICS

This course is required of all Middlers. It aims to give a simple presentation of some fundamental physical laws and their application to practical life. The work consists of recitations, lectures, the preparation of short papers, and the making of laboratory notes and drawings. Accurate observation and precision in handling apparatus are insisted upon. The student is also required to record with accuracy and neatness the results of his experiments in a note book which is submitted to the instructor for examination. A fee of one dollar is charged for apparatus. The text used is Mann and Twiss' Physics, Revised.

CHEMISTRY

This course is required of scientific Seniors only. It is designed to furnish the student with a knowledge of the general principles of the science and to offer a systematic study of the more important chemical products. Each student does his own experiments and is required to preserve carefully the results of his work in a note-book, which is submitted to the instructor for criticism. A fee of three dollars is charged for chemicals and apparatus. The texts used are First Principles of Chemistry and Laboratory Manual, by Brownlee and others.

BIOLOGY

This course is designed to give an introduction to the fundamental properties of living organisms, to bring the student into sympathy with the plant and animal world, and to cultivate the power of careful observation. Selected types are studied in the laboratory to illustrate the chief principles in Biology and to emphasize the economic value of plants and animals. The first semester is devoted to animal types, the second to plant. A fee of three dollars is charged. Textbook, Biglow's Applied Biology.

PHYSIOGRAPHY

This course treats in an elementary way of the forces of nature in their effects upon human life. Excursions are made to regions where suitable geographic formations can be found. Blaisdell's Physiography is used as a text.

HYGIENE

Personal Hygiene. Emphasis is placed upon the value of health and upon the need for forming sensible hygienic habits. The topics considered are: Exercise, correct posture, pure air, bathing, rest, wholesome food.

Community Hygiene. This work tries to enlist each student in the campaign for better community health, making him realize his opportunity for service. The topics considered are: Building conditions, drainage, clean streets, water and milk supplies, pure food laws, contagious diseases, the war upon tuberculosis.

DRAWING

I. Freehand. In the first semester, Junior year, drawing as a medium of expression. Expressing simple forms by lines. Drawing of geometrical figures. Study of the position and proportion of figures. Expressing three dimensions by lines. Study in outline of simple geometrical solids and common objects, singly and in groups.

In the second semester, continuation of expressing three dimensions by lines. Freehand and mechanical perspective. Expressing form by light and shade. Object drawing and shading from models.

II. Mechanical. In the first semester Sub-Middle year, explanation of the different kinds of drawing for various purposes. Materials and

their uses. Constructive work in simple design for practice in accuracy in pencil and ink. Geometrical problems. Working drawings, their use and construction. Various views of geometrical solids and wood turning work in working drawing. Dimensioning and lettering.

In the second semester, continuation of working drawings. The practical use of isometric and cabinet projection and explanation of their principles. Mechanical drawings from pupils' free-hand sketches: nuts, bolts, blocks, iron clamps, castors, shaft-bearings, pulleys, etc.

MANUAL TRAINING

All students in the Junior and Sub-Middle years of the Academy are required by the trustees to give four hours each week to Manual Training, not however, for the purpose of learning a trade, but for its value in a general education. Two of the four hours are devoted to drawing, which is required of boys only.

JUNIOR YEAR

Woodwork, Printing — Elect one.
Dom. Arts I, Dom. Science I — Both.

SUB-MIDDLE YEAR

Wood-Turning or Forging, Printing — Elect one.
Dom. Arts II, Dom. Science II — Both.

WOODWORK

I. This course in the first semester, Junior year, embraces a series of progressive exercises outlined by blue prints, and the use and care of the different tools, etc.

Second Semester. The application of the principles of the joints made in the first semester is shown in the construction of useful articles in furniture and also in building construction. Some time each week is devoted to talks on the identification of the common woods and wood technology. Prerequisite, Woodwork, first semester.

II. Wood-Turning. The course is taken by Sub-Middlers and consists of a series of progressive exercises, of teaching the student the use and care of wood-turning tools, and lathe work. Exercises involving the various methods of turning between centers, face plate and chuck work. Prerequisite, Woodwork, Junior year. Text: Resides & Diemer.

In the second semester, this work includes a series of advanced exercises in carpentry and joinery suitable for high schools and normal schools. Original projects designed and executed by the pupil. Prerequisite, courses described above.

FORGING

I. Care of the forge fire, methods of heating, drawing, bending, upsetting, heading, swagging and welding of iron.

II. A series of exercises showing the application of the principles taught in the first semester.

PRINTING

A general study of the principles and methods of the work of a printing office, including instruction and practice in composition (type-setting), proof-reading, make-up and press work.

DOMESTIC ARTS

I. This course is required of Juniors and includes:

1. Instruction in the principles of sewing and the use and care of the sewing machine and its attachments.
2. Hand and machine sewing as applied to undergarments; also a study of the various materials used in undergarments with special reference to cost, suitability and durability.
3. Simple embroidery.
4. Basketry.

II. This course is taken by Sub-Middlers and embraces:

1. A study of the choice and economical use of dress materials and the use of patterns.
2. The planning, cutting, fitting, making and trimming of simple unlined garments.
3. Embroidery.
4. Millinery—the making of wire and buckram frames and the general trimming or hats.

DOMESTIC SCIENCE

I. The course includes a study of the body, its composition and demands, the need of obedience to natural laws, the means of heeding these laws through the careful selection, preparation, and serving of foods and through general hygienic living, the acquaintance with and care of modern kitchen equipment, and the economical use of household material, of time and of energy.

II. This work covers acquaintance with the house in general: its equipment as adapted to modern conditions, its arrangement and care; sanitation, personal and general; first-aid in emergencies; the classification of foods; principles underlying the cookery and use of proteins, carbo-hydrates and fats; combining foods; menu-making and the preparation of meals; prevention of waste; reducing of cost of food; the purchasing, storage and preservation of foods.

LITERARY SOCIETIES

Two literary societies are conducted by the students of the Academy, one, the Eureka, by young men, and the other, the Phyllis Wheatley, by young women. These societies aid in developing self-control, give practice in debate and declamation, and skill in parliamentary law. The Eureka several times has resolved itself into a Mock Congress, patterned after the Congress of the United States. Debating teams from the Eureka from time to time, have won laurels in interscholastic debating contests. Weekly meetings are held.

ATHLETICS

The Academy aims to encourage manly sports by fostering athletic activities along various lines. Teams are organized in football, baseball, basketball, track and tennis; and annual interscholastic contests are held. Not a few trophies attest the prowess of these representative teams. All athletics are under the direct supervision of the Athletic Council, representing the Faculties of the University, and of the Athletic Association, composed entirely of students.

THE ACADEMY HERALD

The students of the Academy publish a monthly paper, in magazine form, of twenty pages. It aims to publish general University news and to reflect especially the life of the Academy. It is officered entirely by students of the Academy whose contributions give practice in the use of English.

MISCELLANEOUS INFORMATION

No student is permitted to absent himself from any regular exercise, recitation or chapel services. Students are not permitted to leave the city without due permission. Permission to go home is granted only on

written request of parent or guardian. No student, whose record is unsatisfactory in point of scholarship, attendance or general conduct, will be permitted to share the honor of representing the Academy in any interscholastic contest. Written examinations are held semi-annually, in January and May. The passing grade is 70.

UNCLASSIFIED STUDENTS

Under this caption are listed (1) the names of those students registered in the Academy (*a*) who are pursuing two or more Academy courses yet not attempting the full work of a class, (*b*) who are making up their deficiencies in college entrance units, having failed to present the necessary number of units for admission, and (2) the names of those students registered in one of the colleges or schools of the University who are pursuing at least one course in the Academy.

The large number of students in the unclassified list not registered in the Academy gives vivid evidence of the advantages offered by the Academy to those pursuing studies in the various schools of the University.

The Academy furnishes instruction to:

Six students	in College of Arts and Sciences
Fourteen students	" Teachers College
Twenty-four students	" Theological School
Nine students	" Medical School
Three students	" Law School
Eight students	" Commercial College
Nine students	" Conservatory of Music
One student	" Library School
Total..seventy-four	

Admission blanks will be furnished on application, and all letters of inquiry will be promptly answered by the Dean of the Academy.

COMMERCIAL COLLEGE

FACULTY

STEPHEN M. NEWMAN, A. M., D. D.
President of the University.
GEORGE Wm. COOK, A. M., LL. M., SECRETARY OF THE UNIVERSITY.
Dean of the Commercial College and Professor of Commercial Law.
CORA E. DORSEY.
Instructor in Shorthand.
WALTER DYSON, A. B., A. M.
Associate Professor of History and Economics.
PHEBE A. I. HOWELL, A. B.
Instructor in Bookkeeping and Accountancy.
GEORGE W. HINES, A. B.
Instructor in Finance, Business Organization and Typewriting.
ANNA MINER CECIL.
Instructor in Bookkeeping and Commercial Arithmetic.
WILLIAM BILLINGS.
Instructor in English and Business Correspondence.

GENERAL STATEMENT

In almost every section of the United States interest in commercial and business opportunities is constantly growing. To meet this situation the Commercial College has been established. The curriculum, which covers four years and leads to a diploma, affords careful preparation for a business career and so train young men and women that they may readily adapt themselves to whatever business occupation opens to them.

It is expected of our graduates not only that they will prove capable of serving individual enterprises, but also that they will become factors in arousing entire communities to their obligations and privileges in the world of business. The course is thoroughly practical and gives that attention to detail which fits one for the management of property, for expert accountancy and stenography, and for the conduct of business

enterprises. It is recommended for those who desire to enter civil service examinations. Graduates have had gratifying success. Reference to the curriculum will show that an excellent course in English is a part of the Commercial Course, and will be of great advantage to any who desire a liberal education. Attention is called to the opportunities afforded to students of other departments to elect studies in the Commercial Course.

ADVANTAGES

Howard University is well situated for gaining advantages of study in commercial lines. Through the courtesy of government official access may be had to original information in the many departments and bureaus of the government. Public documents and libraries in special lines of work may be consulted without cost to the student.

REQUIREMENTS FOR ADMISSION

All applicants for admission to the First Year Class of the Commercial College must have completed the grammar grades or must pass an examination in arithmetic, English grammar, United States history and geography. Examination for advanced standing will be given upon request.

DESCRIPTION OF COURSES

STENOGRAPHY

Stenography is studied during the second, third and fourth years of the Commercial course.

The system taught is the "Pitman," used by many of the best known Congressional reporters.

Shorthand I. The principles of shorthand are studied and mastered, one-half during the first semester and the remaining half during the second. Text-book: Barnes' *Shorthand Manual.*

Shorthand II. The first semester is devoted to advanced study as given in the Reporter's Companion. Text-book review. The second semester is devoted to phrasing, dictation, and training for practical work.

Shorthand III. Special attention is given to speed writing. A student is required before graduation to attain a speed of at least one hundred words per minute.

(Students having advanced standing in other subjects, may by diligent application, cover the requirements in two years.) Miss Dorsey.

BOOKKEEPING

The study of bookkeeping is not begun until the second year of the Commercial Course, in order that pupils may have had sufficient training in English, commercial arithmetic and typewriting to enable them to make direct progress without being handicapped by lack of preparation in these essential subjects. The Miner text-book, Edition of 1912, is in use at present.

In the first semester the general principles of Double Entry are taught, four sets being given illustrating retail work in different lines of business. Considerable business practice is introduced, including the making out and use of business papers, such as receipts, checks, notes, invoices, orders and business letters. Part II is then taken up, with a special study of drafts, acceptances, shipments, etc., and a more extended business practice, in which the pupils serve in turn in the offices and the use of the filing cabinet and adding machine is learned. Sets are given illustrating a Jobbing Furniture Business, a Wholesale Grocery Business, and a General Dry-goods Business.

In the last year of the course a Set in Corporation work, a Banking Set and a Set in Single Entry are given. Sets in Commission, Manufacturing, Higher Accounting, Auditing and Insurance may be elected by those who wish to do more bookkeeping.

Students having satisfactorily completed two years of bookkeeping may be allowed to substitute some other study of equivalent grade for the last year of bookkeeping.

Students who enter with advanced standing may be given an opportunity to complete all of the required bookkeeping work in two years instead of three if the number of such applicants warrants the formation of such a class. Miss Howell.
Miss Cecil.

FINANCE-FUNDS AND THEIR USES

The purpose of this course is to consider the getting and spending of funds for private enterprise, the various forms of money and credit used as funds, and the means of transfer of credit funds. Modern methods of obtaining funds, institutions and agents employed in funding operations are given attention. Present financial problems and tendencies are discussed. Mr. Hines.

TYPEWRITING

Our aim is to give a practical course in typewriting, a scientific method of mastering the keyboard by the sense of touch. The mechanism of standard machines, business forms, legal forms, manifolding, tabulating and the cutting of stencils are taught.

Emphasis is placed upon training the student to take dictation on the typewriter. Fifty words per minute is the speed required.

Mr. Hines.

HISTORY

In each course emphasis is laid upon the social, industrial and commercial life of the people.

History I. The Ancient World. This course deals with Greece and Rome principally, but includes some account of the Oriental Nations and of the middle ages to the ninth century.

History II. English History. Emphasis in this course is laid upon the geography of the British Isles, the early mingling of races, the rise of Parliament and the House of Commons, the main movements in the history of Continental Europe, the relation of England to her colonies, and her commercial supremacy.

History III. American History. The History of the United States, especially since the Civil War, her industrial development and commercial relations with other countries are emphasized.

History IV. History of Commerce. The aim of this course is to review, collect and organize the work of the preceding courses from the commercial point of view by tracing the development of Commerce from the earliest times.

Associate Professor Dyson.

COMMERCIAL LAW

This course is designed to give a student the practical knowledge in business affairs, enabling him legally to protect his own property rights, and to respect those of others.

The work is pursued in an elementary manner under the following heads: General principles of law, contracts, negotiable paper, agency, partnership, corporations, bailments, sales, copyright, insurance, real estate transfers.

Dean Cook.

ELEMENTS OF POLITICAL ECONOMY

Wealth, its production, distribution, exchange and consumption are fully discussed. The aim is to acquaint the student with the great economic world in which he must live, and, at the same time, to prepare him for higher courses in applied economics. Frequent visits to large industrial plants of the city are made. Social service is also emphasized.

Associate Professor Dyson.

BUSINESS ENGLISH

This course offers the subjects required for college entrance. It affords a training in the higher art of Business English.

Business English is a term which has been introduced into educational curricula within the past ten years to designate the practical training in writing and speaking for business purposes that has been made necessary by modern commercial conditions. This course aims to teach Business English as an art. Not only is the value of expression taken into account, but also the impression made upon the reader or listener in business discourse.

While Business English is not a separate language, it differs in use from literary English in the following particulars: nomenclature of commerce and idioms peculiar to business expression; business abbreviations, signs and symbols; distinctive style required by business relations.

The Literary part of the course is presented with the following points in view: to teach the student to write and speak intelligently and explicitly; to broaden his vocabulary; to acquaint him with standard authors and to enable him to acquire a taste for their works.

COURSE

FIRST YEAR: Routine Business Letters; grammar, spelling and punctuation; composition on subjects of common observation.

Palgrave's Golden Treasury; Irvings Sketch Book; Twice Told Tales.

SECOND YEAR: Narration and Description; rhetoric and diction; letters and circulars comprising words and terms common to accounting, banking and real estate; current news and financial topics.

Macbeth; L'Allegro and Il Penseroso; selections from Tennyson.

THIRD YEAR: Exposition and advertising; circulars and advertisements must be constructed, requiring on the part of the student a

knowledge of stocks and bonds, corporate law and finance; funds and their uses; analytical and comparative study of actual business literature. Business English this year will cover a wide field of commercial information.

Hamlet; Washington's Farewell Address and Webster's Orations; Carlyle's Essay on Burns.

FOURTH YEAR: Argumentation and Public Speaking; reports on current financial news.

Burke's Speech on Conciliation with America; Emmerson's Essay on Manners; Julius Caesar.

Collateral reading will be assigned throughout the course in conformity with the recommendations of the National Conference on Uniform Entrance Requirements.

Mr. Billings.

BUSINESS ORGANIZATION

A study of the principles underlying the modern organization of business and of the recent application of system. Methods and the results in the efficient organization of labor, the location of the factory, the factory building and equipment and the problems involved in the economic management of the factory are considered. In so far as it is possible, typical forms and systems of plants in the community shall be examined and made the basis of classroom discussion, as well as the use of a text in business organization, assigned reading and lectures.

Mr. Hines.

COMMERCIAL GEOGRAPHY

A systematic study setting forth the facts which control the distribution of population, transportation, industries and wealth. The object of this course is to present the underlying principles of the distribution and characteristics of the chief raw materials of commerce, and their influence upon trade and industry. Various departments of the government give free access to original information concerning geographic influences, and the National Geographical Society affords a rare opportunity for the students to acquaint themselves with recent developments in this subject.

Mr. Hines.

MATHEMATICS

Commercial Arithmetic is taken during the entire first and second years. The usual operations of arithmetic are studied, including aliquot parts, bills and accounts, measurements, percentage, commercial discounts, marking of goods, profit and loss, commission and customs, interest, taxes, storage, insurance, bank discount, savings bank accounts, partnership, exchange, building and loan associations, stocks and bonds, etc., with short computations and the application of modern business methods in each.

An earnest effort is made to enable the pupil to acquire a working knowledge of the principles and methods of handling numbers in the transactions of business affairs such as the bookkeeper or the business man or woman must necessarily encounter. Algebra is taken five times a week during the entire first year, and includes all elementary work through quadratics. Geometry may be taken during the second semester of the third year.

Miss Howell.
Miss Cecil.

PRIZES

In order to stimulate efficiency and higher scholarship, the following prizes are offered for students in the Commercial College:

For the student in the Senior class making the highest general average in Shorthand, the Carrie R. Burton-Overton prize of $5.00.

For the student in the Fourth class making the highest general average in Typewriting, the Helen E. Kilbreth-Phillips prize of $5.00.

For the best Practical Bookkeeper in the Fourth class, the C. Benjamin Curley prize of $5.00.

The David E. Wells prize of $5.00 will be awarded this year (1913-14) to the student in the Senior class attaining the highest speed in Shorthand.

The S. B. Whithead prize of $5.00 will be awarded this year (1913-14) to the person in the Department of Economics and History, offering the best—the most original life story of some living Negro Business man or woman.

The Irene Johnson prize of $5.00 will be awarded this year (1913-14) to the person in the Department of Economics and History, offering the best paper on some phase of the Negro Woman in Economic Life today.

Publications

Commercial College Outlook
Studies of the Colored People in Business.

COURSE OF STUDY

First Year

First Semester		Second Semester	
English (Gram., Spell., Comp.)	5	English (Gram., Spell., Comp.)	5
Math., Com. Arithmetic	5	Math., Com. Arithmetic	5
Penmanship	3	Typewriting	5
Typewriting	5	Algebra	5
Algebra	5	Penmanship	3
	23		23

Second Year

First Semester		Second Semester	
English (Rhet. & Spelling)	4	English (Rhet. & Spelling)	4
General History	3	Ancient History	3
Bookkeeping	5	Bookkeeping	5
Shorthand	5	Shorthand	5
Typewriting	5	Typewriting	5
	22		22

Third Year

First Semester		Second Semester	
Business English	4	English (Com. Correspondence)	4
English History	4	Geometry	4
Bookkeeping	6	Bookkeeping	6
Commercial Geography	3	U. S. History and Civic	4
Shorthand	5	Shorthand	5
	22		22

Fourth Year

First Semester		Second Semester	
English (Business themes, etc.)	4	English	4
Economics	4	Elements of Banking & Finance	3
Bookkeeping & Office Practice.	3	Shorthand	5
Shorthand	5	Commercial History	4
Commercial Law	3	Business Organization	2
Funds and Their Uses	2		
	21		18

This course may be varied with the consent of the Faculty.

DEGREES AND DIPLOMAS CONFERRED 1913

COLLEGE OF ARTS AND SCIENCES

A. B. Magna Cum Laude

Brown, Mary E.

Lewis, Clarence O.

A. B. Cum Laude

Butler, Felix
Connelly, William S.
Jones, Olive .C
Lennox, Porter B.
Love, Edgar A.
Luck, Jerry J.
Lunsford, Charles T.
Nixon, Henry F.
Rose, James E.
Young, Margurite

A. B.

Carr, Ethel A.
Catalan, John O.
Chisom, Zephyr J.
Cooper, Oscar J.
Cork, Leon H.
Dozier, Cyrus
Fowler, George V.
Harris, Charles Y.
Johns, Paul
Johnson, James R.
Letcher, Florence
McCarthy, Osceola M.
McLendon, James D., Jr.
Nutt, John W.
Reddy, Mamie A.
Tucker, W. P.
Wimberley, Frank H.
Winthrop, William

B. S. Cum Laude

Coleman, Frank

B. S.

Agosto, Manuel
Evans, Edward
Jones, Benj.

TEACHERS COLLEGE

A. B. AND DIPLOMA IN EDUCATION

Cum Laude

Bugg, Jimmie Belle
Chandler, Edw. Marion Augustus
Davis, Myra Lillian
Jason, William Barrington
Johnson, Lucy Regina
McGuire, Jessie May
Pitts, Bertha Adine
Purnell, John Henry
Randall, Thomas Hamilton

A. B. AND DIPLOMA IN EDUCATION

Beamon, Reginald Emmett
Berry, Isaac Reed
Deanes, Anthony
Grant, Arthur Rudolph
Hodge, Adolph
Jones, James Edward
Jordan, Walter Jefferson
Massey, Bristow Christopher
Matthews, Owen Walter
Motte, Edith Lucile
Owings, Charles Grafton
Reason, Arthur Wesley
Tuell, Ruth.

Pd. B.

Payne, Anna Smith
Quander, Mary Forrinda

NORMAL TRAINING COURSE

Carter, Maude H.
Curtis, Florence
Ford, Bethel E.
Holmes, Emma B.
Jackson, Marie A.
Robinson, Helena L.
Vaughn, Pauline G.

KINDERGARTEN TRAINING CLASS

Thomas, Minnie B.

DOMESTIC SCIENCE AND DOMESTIC ART

Askew, Emma L.
Dykes, Florence M.
Evans, Martha L.
Purvis, Louise

CONSERVATORY OF MUSIC

Diploma

Bowman, Irene
Burton, Carrie

LIBRARY SCHOOL

Diploma

King, Estelle

SCHOOL OF THEOLOGY

B. D.

Allen, James C.
Johnson, David W.
Knox, Charles L.
Moates, John D.
Stokes, Volley V. K.

Diploma

Dixon, George R.
Grymes, Richard D.
Hodge, Benjamin H.
Long, Hilliard W.
Manly, William R.
Stevenson, William E.
Thomas, Henry H.
Westray, Benjamin J.
Woolfolk, Briscoe C.

Evening Institute

Carter, Richard F.
Johnson, Edward D.
Stewart, William H.
Toulson, Charles H.
Underwood, William H.

MEDICAL COLLEGE

M. D.

Arthurs, Samuel James
Asberry, Milton Thomas
Carrington, James Otis
Durrah, Fred Falls
Gray, Edward Benjamin
Gross, Carl Russell
Harris, Charles Oscar, Jr.
Jackson, Walter Jordan
Jones, Robert, Emmett, Jr.
McClain, Richard Pollard
Mason, Dean Otis
Mitchell, Evelyn Groesbeck, A. B., Cornell.
Morris, Horace
Murray, Harvey Allen
Oliver, Hudson Jones, Jr.
Perry, Olden Oliver
Polk, John Knox
Strawn, Estil Young
Watson, Edwin Josiah
Wharton, Ulysses Samuel
White, George Washington

DENTAL COLLEGE

D. D. S.

Bell, Julius
Bullock, Samuel G.
Carpenter, Albert Malchi
Collins, Arthur Joseph
Cowan, Cornelius Sampson, A. B., Howard.
Downing, Ellwood Davis. A. B., Biddle University.
Evans, Elias George, A. B., Shaw University.
Evans, George G., A. B., Biddle University.
Givens, Everett Humbles
Hardy, Ernest Maurice
Hudson, Henry Claude
Jackson, John Andrew

SCHOOL OF MEDICINE

Jones, Charles Augustus
King, Quincy Bernard
Kyle, George Adam
Mayer, Leon Harper
Miller, Luther Amos
Pulley, Robert Fenderson
Vandavell, James Monroe
Vaughan, Julian F., Jr.
White, Henry Clifton
White, William H.
Wilson, James Newton, A. B., Biddle University.

PHARMACEUTIC COLLEGE

Phar. D.

Brown, Andrew Bennett
Cabaniss, Joseph David
Chambers, John William
Eberhardt, Julian Harvey
Howe, Alfred Greene
Mosby, George Thomas
Pinkett, Roscoe DeWitt
Proctor, Solomon Howard
Rattley, John Edward, Jr.

SCHOOL OF LAW

LL. B.

Berry, John H.
Briscoe, Arthur E.
Brooks, Robert D.
Brown, Huver I.
Browne, Walter L. L.
Bruce, William B.
Burrel, William H.
Capehart, Harry J.
Carpenter, Chester A.
Davis, James A.
Dunn, Henry E.
Fleming, Artee H.
Jones, Edward E.
Jackson, Bernard I.
Lee, Peter R.
Martin, William H.
Montgomery, Benjamin T.
Reed, Philip C.
Reid, Jacob L.
Rhambo, Alfred A.
Robinson, John W.
Roundtree, John E.
Thompson, Garfield C.
Ware, Alonzo
Thornton, Joseph A.

ACADEMY

Diploma

Baxter, Ada A.
Brown, Edward M.
Butt, Isaiah J.
Coleman, Arthur T.
Goodloe, Nathan O.
Grinnage, Willard T.
Holmes, Marie E.
Howard, Charles B.
Howell, Edward L.
Ingram, William E.
Jones, Majorie L.
Luck, Clyde A.
Milburn, A. Roland
Miller, Ezekiel H.
Morgan, Constantine A.
Mosley, John H.
Quick, John H.
Reid, Herbert
Satterwhite, Cavassa J.
Simmons, Isaiah F.
Smith, Ruth V.
Smithers, Charles A.
Taylor, Frankie B.
Thomas, Mabel C.
Washington, George B.
Washington, Victoria L.
Wilson, Harry I.
Winston, James F.
Yancey, Alice E.
Young, Walton W.

COMMERCIAL COLLEGE

Diploma

Kendall, Nelson
Thompson, William H.
Wells, David E.

STUDENTS

COLLEGE OF ARTS AND SCIENCES

SENIORS

Allen, James U. Darley, Pa.
Allen, Samuel A. Mt. Holly, N. J.
Armstead, Abram D. Lovelady, Texas.
Bellinger, Louis A. S. Charleston, S. C.
Bohannon, Otto Anacostia, D. C.
Brannon, Griffith C. Louisville, Ky.
Brown, Charles I. Pittsburg, Pa.
Brown, Lucius H. Louisville, Ky.
Cabell, Newell Atwood Madisonville, Ky.
Cargile, Winnie Macon, Ga.
Coleman, Grace Washington, D. C.
Cook, Frank R. Washington, D. C.
Daniels, George W. Stroud, Okla.
Davis, Thomas R. Ft. Smith, Ark.
Denny, Landonia L. T. Washington, D. C.
Desmukes, Ceretta C. Gonzales, Texas.
Dykes, Eva B. Washington, D. C.
Falu, Narcisso San Juan, Porto Rico.
Foreman, Wm. P. St. Louis, Mo.
Hardy, Beatrice V. Springfield, Mo.
Harllee, Chauncey, M. D. Dallas, Texas.
Harper, William H. Fort Madison, Iowa.
Heard, Harriet G. Athens, Ga.
Helm, Arrington S. Anacostia, D. C.
Huskerson, William Kingston, St. Vincent, B. W. I.
Johns, Lois Amherst, Mass.
Langston, Theophilus Stewart Bridgeton, N. J.
McDonald, Thaddeus Kingston, Jamaica.
Moore, Hermon E. Jackson, Miss.
Newman, Lloyd H. Washington, D. C.
Penn, Madree Omaha, Neb.
Pottinger, Simeon H. B. Jamaica, B. W. I.
Ricks, Walter E. Portsmouth, Va.
Rivers, Mark E. Washington, D. C.
Savoy, Walter S. Washington, D. C.
Stevens, Herbert L. Washington, D. C.
Townes, Geneva Washington, D. C.
Turley, Lulu V. Washington, D. C.
Turner, Lorenzo D. Rockville, Md.
White, William H. Baltimore, Md.
Wilson, J. Franklin Talladega, Ala.
Winthrop, Charles R. Charleston, S. C.

JUNIORS

Alston, Touissant L'Overture Metropolis, Ill.
Andrews, Robert McCantes Sumter, S. C.
Catlett, Annie H. Washington, D. C.
Crawford, Frederick D. Charleston, S. C.
Crawford, Robert P. Jacksonville, Fla.
Davis, Pierre H. New Haven, Conn.
Dingle, J. Gordon Savannah, Ga.
Donald, Henderson H. Convent, La.
Fitzpatrick, Frank N. Philadelphia, Pa.
Ford, James B. Coatesville, Pa.
Hackett, Robert G. Baltimore, Md.
Hall, Henry M. Greensville, Ky.
Hanna, Walter S. Charleston, S. C.
Harris, Ethel Halls Hill, Va.
Harrison, Joseph P. Whitakers, N. C.
Hawkins, James B. Baltimore, Md.
Howard, Louis A. Steelton, Pa.
Jefferson, Daisy Kellyton, Ala.
Johnson, Charles L. Washington, D. C.
Johnson, Oscar L. Louisville, Ky.
Jordan, John A. St. Augustine, Fla.
Maloney, F. C. Chester, Pa.
*Massie, James A. Xenia, Ohio.
Minor, James I. Washington, D. C.
Moore, Weston E. Hagerstown, Md.
Pollard, William A. Georgetown, B. G. S.
Porter, Virgie M. Washington, D. C.
Richardson, Clarence W. Gainesville, Fla.
Scruggs, Ivorite Lorimer Memphis, Tenn.
Shaw, Charles, Jr. Brunswick, Ga.
Sheppard, Madeline Myersdale, Pa.
Tavernier, A. H. Dominica, B. W. I.
Thompson, Charles W. Philadelphia, Pa.
Vincent, William T. Guthrie, Okla.
Walker, M. Theodore Charlottesville, Va.
Wilson, John Henry Tifton, Ga.
Woodford, Charles Berwyn, Md.

SOPHOMORES

Bagley, Lloyd S. Washington, D. C.
Bailey, I. G. Arkansas City, Ark.
Banister, William B. Baltimore, Md.
Basey, Noel M. Dalton, Mo.

*Deceased.

Beckwith, Trennor Steelton, Pa.
Biddle, Hester M. Baltimore, Md.
Botts, E. R. Meadville, Mo.
Brooks, Joseph H. Staunton, Va.
Clayton, B. W. Montgomery, Ala.
Cobbs, Price P. Barboursville, Va.
Cooper, Stewart R. Baltimore, Md.
Cook, J. R. Conte Washington, D. C.
Cook, Vivienne E. Washington, D. C.
Corrothers, Thomasine Washington, D. C.
Cunningham, W. H. Atlanta, Ga.
Curtis, Lucien S. St. Louis, Mo.
Desmukes, Alberta D. Gonzales, Texas.
Duckett, Lillian C. Washington, D. C.
Epps, Joseph E. Norwich, Conn.
Frazier, Edward F. Baltimore, Md.
Frey, Thomas Cincinnati, Ohio.
Gaterwood, Lottie Bowling Green, Ky.
Granady, James T. New York, N. Y.
Grant, George C. Parkersburg, W. Va.
Hall, George E. Greenville, Ky.
Hamilton, B. G. St. Christopher, B. W. I.
Holland, Joseph G. Washington, D. C.
Howard, Irma Washington, D. C.
Jackson, George T. Lynchburg, Va.
Jackson, Lawrence W. Washington, D. C.
Jenkins, F. C. Seneca, S. C.
Johnson, Oliver Braddock, Pa.
Jones, Samuel A. Jacksonville, Fla.
Jordan, Jesse R. Mayslick, Ky.
Kirksey, Thomas Selma, Ala.
Lane, Eulalia Vineland, N. J.
Lester, Aurelius P. Hawkinsville, Ga.
Love, John Wesley Lewisburg, W. Va.
Matthews, Herbert O. Everett, Pa.
Merchant, H. A. Lexington, Ky.
Miller, Kelly, Jr. Washington, D. C.
Murdock, Maude C. Washington, D. C.
Nutt, Irving T. Washington, D. C.
Oliver, Clara M. Lyons, N. Y.
Perkins, Vassar E. Trevilians, Va.
Primas, H. S. Camden, N. J.
Pullon, Andrew J. Decatur, Ala.
Rayfield, Matilda Cape May, N. J.
Sampson, John P. Asbury Park, N. J.
Sanchez, Louis Jubucoa, Porto Rico.
Smith, Alonzo D. New York, N. Y.
Stratton, Harold C. Doylestown, Pa.

Stone, E. B. Selma, Ala.
Temple, William H. Vicksburg, Miss.
Thompson, Louisa H. Baltimore, Md.
Thornton, Silas B. Junction City, Ark.
Tunnell, Arthur L. Washington, D. C.
Tunnell, Mabel P. Washington, D. C.
Walker, John B. Avalon, Va.
Ward, E. A. Charlottesville, Va.
Ward, Milton M. Washington, D. C.
Weatherless, Ruth Washington, D. C.
Young, Ralph J. Reading, Pa.

FRESHMEN

Adams, Adolph C. Lynchburg, Va.
Adams, Mattie Pearle Washington, D. C.
Adams, Cato W. Washington, D. C.
Andrade, E. B. San Juan, Porto Rico.
Baumgardner, Luther O. Columbia, S. C.
Bell, George E. Lewisville, Ky.
Bennett, Wm. Gordon Versailles, Ky.
Berry, Lucretia Manassas, Va.
Bishop, W. M. Baltimore, Md.
Blackburn, Samuel M. Harper's Ferry, Va.
Booker, Elbert L. Seattle, Wash.
Booker, L. W. Danville, Va.
Botts, John M. Washington, D. C.
Boulding, Aaron Beaver Falls, Pa.
Brown, Edward M. Evansville, Ind.
Brown, James W. Huntington, W. Va.
Berry, J. L. Baltimore, Md.
Bruce, Kitty Washington, D. C.
Buckner, Wm. Baltimore, Md.
Busbee, R. L. Greene, N. C.
Bowie, Edna Ellis Washington, D. C.
Brooks, Bernice M. Washington, D. C.
Brown, Elsie E. Washington, D. C.
Brown, Maude E. Louisville, Ky.
Brown, Naomi P. Washington, D. C.
Byrd, John J. King's & Queen's Co., Va.
Camper, John E. T. Baltimore, Md.
Chase, R. S. Baltimore, Md.
Collins, I. R. St. Mary's Co., La.
Collins, May Vernon El Paso, Texas.
Christian, A. L. Yorktown, Pa.
Coleman, R. W. Selma, Ala.
Collins, Alfred H. Norfolk, Va.
Connolly, Quesnel A. East End, B. W. I.

Cook, Jonathan R. C. Washington, D. C.
Cornwall, C. C. Grenada, B. W. I.
Crumpler, C. H. Norfolk, Va.
*Dandridge, Moses E. Washington, D. C.
Davis, James T. Jamaica, B. W. I.
Davis, Johnnie A. Dallas, Texas.
Davis, Monroe H. Washington, D. C.
Dingle, Alan L. Savannah, Ga.
Doby, Lewis Magnolia, Ala.
Fleming, Archie R. Newport News, Va.
Foster, Anthon A. Kaufman, Texas.
Frisby, Joseph A. Baltimore, Md.
Goodloe, Nathan O., Jr. Washington, D. C.
Gray, Walter Dallas, Texas.
Grinnage, Willard T. Philadelphia, Pa.
Gwathney, Benjamin H. Washington, D. C.
Hackshaw, Lionel Trinidad, B. W. I.
Hale, James E. Norfolk, Va.
Hamilton, H. H. Washington, D. C.
Hammons, J. M. Cronchville, Tenn.
Harrison, Wm. A. Taylor, Texas.
Hawkins, James B. Baltimore, Md.
Hawkins, L. S. Washington, D. C.
Holmes, Clarence F. Denver, Col.
Hopkins, Ormond Baltimore, Md.
Hosein, Mozam Trinidad, B. W. I.
Howard, Wioza L. Jacksonville, Texas.
Howell, Edward L. Warrenton, Va.
Hyman, Earl R. Washington, D. C.
Ingram, W. J. Bardstown, Ark.
Johnson, Campbell C. Washington, D. C.
Johnson, Ernest O. New Haven, Conn.
Jones, Grandison F. Washington, D. C.
Langford, John W. Frankfort, Ky.
La Fayette, A. S. Savannah, Ga.
Lee, Jane Lexington, Ky.
Lewis, Robert M. Washington, D. C.
McCary, Annie L. Washington, D. C.
Mack, Hannah E. Sumter, S. C.
Maitland, Clarence Beaver, Pa.
Malord, Wm. C. Washington, D. C.
Matthews, Benjamin A. Baltimore, Md.
Matthews, R. M. Atlantic City, N. J.
Meyer, Baldemaro San Pedro, San Domingo.
Milburn, Arland R. Wilmington, Del.
Miller, Cyril W. Washington, D. C.

*Deceased.

Miller, Ezekiel H. Philadelphia, Pa.
Minor, Marguerite A. Washington, D. C.
Mitchell, John C. Baltimore, Md.
Moss, Eugene A. Charleston, W. Va.
McCarter, L. T. Magnolia Springs, Texas.
McGhee, Roy Buchana, W. Va.
McIntosh, John Savannah, Ga.
McKinney, Walter Washington, D. C.
Miller, James E. Houston, Texas.
Neal, Robert C. Navasota, Texas.
Newton, C. A. Washington, D. C.
Nixon, Louise G. Baltimore, Md.
Nutt, Theresa E. Washington, D. C.
Page, George C. Baltimore, Md.
Palmer, Wm. P. Philadelphia, Pa.
Payne, Chas. Benj. Charleston, W. Va.
Penn, Robert R. Petersburg, W. Va.
Piper, Percival R. Washington, D. C.
Pleasants, David M. Graham, Va.
Potter, Ed. Warren Charleston, S. C.
Pollard, Ruth E. Phillipsburg, Pa.
Ramsay, Wm. H. Memphis, Tenn.
Rayford, Byron H. Meridian, Miss.
Rector, John K. Washington, D. C.
Reed G. P. Louisville, Ky.
Rhodes, Edna M. Cumberland, Md.
Roberson, W. M. Dry Fork, Va.
Robinson, Clarence N. Louisville, Ky.
Russell, Carrie O. Washington, D. C.
Samuels, Geo. P. Port of Spain, British Guiana.
Satterwhite, Cavassa J. Washington, D. C.
Saunders, Frank P. Baltimore, Md.
Scott, C. W. Washington, D. C.
Scott, A. L. Washington, D. C.
Scott, James E. Washington, D. C.
Sealy, Merton C. Montreal, Canada.
Simmons, Isaih F. Elgin, Texas.
Simon, Wm. New Cheria, La.
Sinkford, Jameson W. Bluefield, W. Va.
Smithers, Chas. A. Baltimore, Md.
Sparks, Hubert Washington, D. C.
Spaulding, A. Lee Whitesboro, N. J.
Stewart, Herschel H. Washington, D. C.
Sumner, Marion Washington, D. C.
Taylor, A. L. Memphis, Tenn.
Thomas, Mabel C. Washington, D. C.
Thompson, C. W. Philadelphia, Pa.
Thompson, L. O. Jamaica, B. W. I.
Tunnell, Victoria S. Washington, D. C.

Valentine, O. F. St. Louis, Mo.
Washington, George B. Parkersburg, W. Va.
Waters, John L. Oxford, Md.
Watson, Marshall W. Marlboro, Md.
Watson, Louis Lee Washington, D. C.
Waugh, Geneva A. Washington, D. C.
Whyte, Wm. E. Grenada, B. W. I.
Wiggins, E. C. Washington, D. C.
Williams, Rutherford M. Evanston, Ill.
Williams, J. R. Jamaica, B. W. I.
Williamson, Etta L. Philadelphia, Pa.
Wilson, Harry I. Pittsburg, Va.
Winston, James F. King William, Va.
Withers, M. W. Minneapolis, Minn.
Woodland, Alice McK. Washington, D. C.
Wormley, A. Louise Washington, D. C.
Wormley, Mamie L. Washington, D. C.
Yoncey, Alice E. New York City
Young, Walton Spartansburg, S. C.

PART COURSE STUDENTS

Agosto, Emanuel San Juan, Porto Rico
Baijnath, S. Law
Ballard, William H. Lexington, Ky.
Champion, A. F. Jacksonville, Fla.
Collins, A. H. Norfolk, Va.
Cooper, Oscar J. Washington, D. C.
George, Charles H. Medicine
Harris, Mortimer M. Montgomery, Ala.
Howell, Ada S. Philadelphia, Pa.
Howell, Lafayette Law
Jackson, James W. Charleston, W. Va.
Johnson, James R. Medicine
Lane, Charles E. Law
Mosse, Jonathan E. Law
Norton, Carl H. Tampa, Fla.
Palacios, Epifauio y Cola Ste. Clara, Cuba
Sanders, Thomas Fred Law
Stennett, Raynes Waite Jamaica, B. W. I.
Swanston, Ernest E. Theology
Telford, William Trinidad, B. W. .I
Togans, James Medicine
Warrick, James Medicine

SUMMARY

Seniors	42
Juniors	37
Sophomores	63
Freshmen	150
Part Course Students	22
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STUDENTS IN THE TEACHERS COLLEGE

SENIORS

Blackwell, Wertie Clarice Kansas City, Mo.
Brown, Howard Washington Camden, N. J.
Chase, Frederika Josepha Dallas, Texas.
Cuff, Ethel Letitia Wilmington, Del.
Davis, Raymond Anthony Washington, D. C.
Davies, Amy Gertrude Lynchburg, Va.
Davies, Oscelletta Lynchburg, Va.
Hanson, Czarina Beulah Washington, D. C.
Hughston, Frances Halford Washington, D. C.
Jones, Jacob Emmanuel Baltimore, Md.
Massie, Samuel Proctor Xenia, Ohio.
Nelson, James Irving Washington, D. C.
Oberdorfer, Pauline Richardson Philadelphia, Pa.
Sewell, Naomi Scott Washingtonville, N. Y.
Spann, John Wesley Dancy, Miss.
Taylor, Francis Alphonzo New York, N. Y.
Terry, Andrew Cincinnati, Ohio.
Tibbs, Walter Edward Upper Marlboro, Md.
Waits, Benjamin Lewis Florence, Ala.
Wells, James Samuel Chester, Pa.
Wells, Olive Mae Cleveland, Ohio.
Young, Julia Edna Batesville, Miss.

JUNIORS

Brinkley, Ruth Catherine Washington, D. C.
Brown, Bernardine Sedricks Washington, D. C.
Clair, Matthew Walker Washington, D. C.
Crampton, Earl H. Scranton, Pa.
Dickens, General Ulysses Elizabeth City, N. J.
Fearing, Gladys Christine Washington, D. C.
Foster, William Henry Tuscaloosa, Ala.
George, Clayborne Surry C. H., Va.
Gunner, Mary Frances Hillburn, N. Y.

Harris, Jemima Laura Washington, D. C.
Hendley, Charles Vergne Huntsville, Ala.
Howard, James Ross Baltimore, Md.
Kidrick, Lucy Wilson Washington, D. C.
Lee, Helen Eliza Catherine West Philadelphia, Pa.
Long, Howard Hale News Ferry, Va.
Matthews, Benjamin Alexander Baltimore, Md.
Redden, Meta Augusta Baltimore, Md.
Rose, Bertha Madden Washington, D. C.
Ruffin, Guy Stephen Clarksburg, W. Va.
Sandors, Ada Frank Baton Rouge, La.
Toles, Sarah Edessa Battle Creek, Mich.
Toliver, Gladys Eleanora Naoma Washington, D. C.
Walker, Homezelle Scott Washington, D. C.
Woodward, Joseph Nathaniel Washington, D. C.
Wyche, Julia Inez Charlotte, N. C.

SOPHOMORES

Armstrong, Earl Murphy Moundsville, W. Va.
Armstrong, Ernest George Moundsville, W. Va.
Bardwell, Shadrach Eddie Henry Pensacola, Fla.
Blowe, Maude Elizabeth Washington, D. C.
Brinkley, Edith Naomi Washington, D. C.
Brown, James T. Jacksonville, Ill.
Burson, Beatrice Bessie Dallas, Texas.
Caldwell, Lawrence Cravath Philadelphia, Pa.
Carter, Evelyn Virginia Washington, D. C.
Chandler, Edith Mabel Ocala, Fla.
Chipman, Charles Henry West Cape May, N. J.
Connor, Ida James Lynchburg, Va.
Crawford, Harry Stephenson Washington, D. C.
Davis, Charles Alexander Elizabeth, N. J.
Franklin, Joseph Alexander Orange, N. J.
Gaddie, Maude Claudine New Albany, Ind.
Goldston, Genevieve Rollins Pittsburg, Pa.
Grinnage, Isabelle Morris Atlantic City, N. J.
Hall, Susie Beatrice Denver, Colo.
Hamilton, Mabelle Beatrice Washington, D. C.
Harris, Belle Parmalee Cleveland, Ohio.
Hoffman, Montclair E. Jamaica, B. W. I.
Jones, Goldeana Pearl Tyrone, Pa.
Madden, Willis Madison Alexandria, Va.
Martin, Harry Moire Cincinnati, Ohio.
McAden, Mosby Bradley Milton, N. C.
McComas, Ruby Ann Hamilton, Ontario, Canada.
McCormick, Thomas Herbert Baltimore, Md.
Miller, William Alexander Norfolk, Va.

Monholland, Vera May Kansas City, Mo.
Morse, Leonard Francis New Bedford, Conn.
Morton, Albert MacIntosh Washington, D. C.
Nelms, Bessie Louise Montgomery, Ala.
Newsome, Alpha Blondel Washington, D. C.
Norman, Rhetta Virginia Montgomery, W. Va.
Pugh, Lottie Nadine Waxahachie, Texas.
Robinson, Helen York, Pa.
Rose, Claude Melvin Washington, D. C.
Rose, Emma Stephens Washington, D. C.
Ruddock, Lottie Younger Lucea, Jamaica, B. W. I.
Scott, Virginia Marie Washington, D. C.
Shaw, Lillie Allean Dallas, Texas.
Smith, Bertha Len Meridian, Miss.
Snowden, Anna Jean Dayton, Ohio.
Southall, Eugene Portlette Norfolk, Va.
Taylor, Benjamin Harrison Washington, D. C.
Thomas, Lena Mae Bellefonte, Pa.
Tolson, Rachel Helen Washington, D. C.
Turner, Alice Porter Boston, Mass.
Walker, Abram McCartney Avalon, Va.
Walker, Verena Washington, D. C.
Wallace, Horace Beverly Petersburg, Va.
Wilkinson, Ethel Cornelia Washington, D. C.
Winters, Cora Evelyn Washington, D. C.

FRESHMEN

Anderson, Ethel Louise Baltimore, Md.
Baer, Jennie Emily Wrightsville, Pa.
Ball, Otis Taylor Burgess Store, Va.
Brown, George Othello Washington, D. C.
Brown, Madge Montgomery, Ala.
Bushe, Gertrude Viola Brooklyn, N. Y.
Butt, Isaiah James Washington, D. C.
Chandler, Annie Marcella Ocala, Fla.
Coates, Vivian Estelle N. S. Pittsburg, Pa.
Coffey, Elizabeth Ruth Florence, Ala.
Coleman, Adele Eloise Washington, D. C.
Coleman, Rosa Belle Washington, D. C.
DeFreese, Sarah Mildred Hillburn, N. Y.
Early, Benjamin Harrison Gordonsville, Va.
Evans, Marion Bright West Conshohocken, Pa.
Gilbert, Lucile Wilhelmina Washington, D. C.
Golson, Leslie Maria Springfield, Mass.
Gorham, Margaret Anna Lexington, Ky.
Gould, Mary Jane Baltimore, Md.
Harper, Harriett Helen Augusta, Ga.

Hughes, Sydney Evelyn Washington, D. C.
Hughson, Julian Seward New York, N. Y.
Irving, Bessie Herbert Washington, D. C.
Johnson, Mary Emma Washington, D. C.
Jones, Sadee Elizabeth Atlanta, Ga.
Jones, Sarah LaVetta Henderson, Ky.
Lancaster, Ernestine Elizabeth Washington, D. C.
Larkins, Bertha H. Denver, Colo.
Lawson, Earl Marlan Leavenworth, Kan.
Lee, Beulah Catherine Washington, D. C.
Lowe, Jane Savilla Wheeling, W. Va.
Lyles, Magdalene Elizabeth Washington, D. C.
McGuinn, Alma Augusta Baltimore, Md.
Mann, Holland Annette Darien, Ga.
Mason, Myrtle Anacostia, D. C.
Mathis, Geneva Evelyn Greenville, Ky.
Moore, Grafton L. Ridgley, Md.
Moore, Zephyr Abigail Pasadena, Cal.
Morton, Etta Leola Steubenville, Ohio.
Mullon, Lilla Valena New Orleans, La.
Muse, Lloyd Brooke Washington, D. C.
Perkins, Frank Howard Baltimore, Md.
Peters, Constance Carlotta Washington, D. C.
Plummer, Ethel Letitia Washington, D. C.
Polk, Charles Carrington Lawnside, N. J.
Poole, Whitlock Frances Alberta, Ga.
Pride, Julia Beatrice Washington, D. C.
Pruitt, James Walter Florence, Ala.
Quarles, Lillian Dorothy Washington, D. C.
Queen, Lawrence W. Baltimore, Md.
Robinson, Lloyd Aubrey Baltimore, Md.
Robinson, Mayme Ella Richmond, Va.
Ross, Artie Cumilla Washington, D. C.
Savage, William Sherman Wattsville, Va.
Schlaughter, Frederick M. Rock Island, Ill.
Scott, Wyndham Meredith Songer Wytheville, Va.
Shaw, Henrietta Lynnette Anacostia, D. C.
Shoucraft, Mabel Gwendolyn Washington, D. C.
Smith, Ruth Harrison Wheeling, W. Va.
Staff, Franklin James Ruston Parish, La.
Stone, Alphonzo Delaney Selma, Ala.
Swinson, Maude Earline Washington, D. C.
Sydes, Ruth Miriam Washington, D. C.
Taylor, Silas Mack Lynchburg, Va.
Thompson, Mabel Irene Washington, D. C.
Townes, Justine Olivia Washington, D. C.
Wade, Shirley Moundsville, W. Va.
Waring, Mary Imogene Washington, D. C.

Washington, Nellie Carrie Belle Washington, D. C.
Weaver, Hazel Edna Cleveland, Ohio.
Webb, Hayward Thomas Preston, Md.
White Martha Ann Fredericksburg, Va.
Whiting, Adele Washington, D. C.
Whittaker, Gertrude Alma Glen Cove, N. Y.

PART COURSE STUDENTS

Teachers College

Adams, Charles Spencer Washington, D. C.
Addison, Evelyn Hartford, Conn.
Anderson, Aramenta Henrietta Denver, Colo.
Ashton, Josephine Washington, D. C.
Dyson, Harry Alfred Washington, D. C.
Hite, Mary Emma Washington, D. C.
Holmes, David Washington, D. C.
Jackson, Estelle Cardoza Washington, D. C.
Jernigan, Robert Lee Winston, N. C.
Long, Hilliard Whitted Hillsboro, N. C.
Lucas, James Oscar Washington, D. C.
Madre, Marie Ardena Duvall Washington, D. C.
Mason, Anna Marion Washington, D. C.
Perry, Harriet Lavina Washington, D. C.
Poindexter, William Baymiller Bluefield, W. Va.
Smith, Emory B. Raleigh, N. C.
Williams, Alice Washington, D. C.
Wilson, Mary Eslanda Washington, D. C.

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Seniors	22
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Sophomores	54
Freshmen	74
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CONSERVATORY OF MUSIC

VOCAL STUDENTS

Advanced

Jones, Jacob Baltimore, Md.

Intermediate

Goodwin, Amy Amherst, Mass.
Kent, Marie Rochester, N. Y.
Thomas, Maline Rochester, N. Y.
Wells, Olive Cleveland, Ohio.

Elementary

Bardwell, M. South Africa.
Brown, Nell Montgomery, Ala.
Booker, Elbert Seattle, Wash.
Burke, Genevieve Washington, D. C.
Briggs, Mamie Providence, R. I.
Capehart, Myrtle Raleigh, N. C.
Chestnut, Ada Washington, D. C.
Dixon, Kate Atlanta, Ga.
Gould, Mary Baltimore, Md.
Harrison, Katherine Toronto, Can.
Jackson, Berkie Birmingham, Ala.
Monroe, Ione Savannah, Ga.
Strothers, Ruth Washington, D. C.
Thompson, Elizabeth Washington, D. C.
Powell, Gladys Washington, D. C.
Ward, Gladys Springfield, Mass.
Watkins, Ruth Princeton, N. J.
Webb, Louise Pittsburg, Pa.

PIANO STUDENTS

Juniors

Bundy, Della Washington, D. C.
Dykes, Eva Washington, D. C.
Johnson, Ruth Springfield, Mass.
Lampton, Cornella Greenville, Miss.

Advanced

Brown, Grace Washington, D. C.
Goodwin, Amy Amherst, Mass.
Grimshaw, Ruth Washington, D. C.
Holmes, Hattie Washington, D. C.
Jones, Olive Washington, D. C.
Monroe, Ione Savannah, Ga.
Worde, Phillip Elizabeth, N. J.

Intermediate

Brent, Rufus Boston, Mass.
Calloway, Virginia Washington, D. C.
Carroll, Emma Washington, D. C.
Coffee, Elizabeth Florence, Ala.
Darwin, Berissa Taylorville, Ill.
Denney, Pearl Washington, D. C.

Harper, Harriet Augusta, Ga.
Harris, Elizabeth Washington, D. C.
Harris, Hattie Athens, Ga.
Jordan, Walter Washington, D. C.
Jones, Jacob Baltimore, Md.
Jones, LaVeta Henderson, Ky.
Jernagin, Gertrude Washington, D. C.
Kent, Marie Rochester, N. Y.
Letcher, Georgie Washington, D. C.
Lee, Jane Lexington, Ky.
Martin, Harry Cincinnati, Ohio.
Neal, Pearl Charlotte, N. C.
Redden, Meta A. Baltimore, Md.
Robinson, Mayme Richmond, Va.
Smith, Olive Springfield, Mass.
Smith, Mayme Vineland, N. C.
Swanston, Ernest Nevis, B. W. I.
Sydes, Ruth Washington, D. C.
Tunnell, Mabel Washington, D. C.
Tunnell, Victoria Washington, D. C.
Webb, Louise Pittsburg, Pa.
Williams, Cora Washington, D. C.
Wyatt, Hattie Charleston, Va.

ELEMENTARY

Anderson, Louise Baltimore, Md.
Baxter, Marian Georgetown, S. C.
Bell, Maud Saratoga Springs, N. Y.
Brown, Alma Charleston, S. C.
Brown, Madge Montgomery, Ala.
Brown, Nell Montgomery, Ala.
Bundy, Zenobia Washington, D. C.
Cave, Gladys Washington, D. C.
Capehart, Myrtle Raleigh, N. C.
Chestnut, Ada Washington, D. C.
Colburn, George Wilmington, Del.
Cooper, Edith Washington, D. C.
Davis, Charles Elizabeth, N. J.
Davis, John Washington, D. C.
Fitzpatrick, Frank Philadelphia, Pa.
Garner, Helen Washington, D. C.
Garner, Portia Washington, D. C.
Gould, Mary Baltimore, Md.
Greene, Ruth Washington, D. C.
Grier, Pearlie Washington, D. C.
Harrison, Katherine Toronto, Can.
Hilyer, Kathleen Washington, D. C.

Hopkins, Claude Washington, D. C.
Hunter, Lillian Washington, D. C.
Johnson, Walter Washington, D. C.
Johnson, Mary Washington, D. C.
Jones, Frank Washington, D. C.
Jones, Joseph Danville, Ky.
Jones, Mildred Savannah, Ga.
Lane, Charles Washington, D. C.
Lane, Julia Norwich, Conn.
Mallory, Sadie Washington, D. C.
Mason, Rachel Luray, Va.
Miller, Irene Washington, D. C.
Miller, May Washington, D. C.
Moore, Sarah Washington, D. C.
Moore, Tanner Washington, D. C.
Murray, Paul Washington, D. C.
Parnell, Ethel Washington, D. C.
Penn, Madree Omaha, Neb.
Powell, Gladys Washington, D. C.
Richards, Amos Jacksonville, Fla.
Ruffin, Beatrice Washington, D. C.
Scurlock, Maude Fayetteville, N. C.
Shackelford, Esther Richmond, Ky.
Sinkford, Jameson Bluefield, W. Va.
Strothers, Ruth Washington, D. C.
Sullivan, Zoa Wilmington, Del.
Thomas, Maline Rochester, N. Y.
Thompson, Elizabeth Washington, D. C.
Wade, Shirley Moundsville, W. Va.
Ward, Gladys Springfield, Mass.
Watson, May Columbus, S. C.
Watts, Helen Washington, D. C.
Wells, Olive Cleveland, Ohio.
Williams, Madeline Washington, D. C.
Williston, Grace Washington, D. C.

VIOLIN

Baxter, Marian Georgetown, S. C.
Bell, Austin Washington, D. C.
Burroughs, H. Newark, N. J.
Dorsey, R. D. C. Scranton, Pa.
Mosley, Walter Jacksonville, Fla.
Nesbit, James Washington, D. C.

Theory I

Brown, Nell Montgomery, Ala.
Calloway, Virginia Washington, D. C.

Carroll, Emma Washington, D. C.
Chestnut, Ada Washington, D. C.
Colburn, George Wilmington, Del.
Dorsey, R. D. C. Scranton, Pa.
Harris, Elizabeth Washington, D. C.
Jones, Jacob Baltimore, Md.
Jones, Olive Washington, D. C.
Lane, Julia Norwich, Conn.
Robinson, Mayme Richmond, Va.
Swanston, Ernest Nevis, B. W. I.
Watts, Helen Washington, D. C.

THEORY III

Brown, Grace Washington, D. C.
Bundy, Della Washington, D. C.
Dykes, Eva Washington, D. C.
Johnson, Ruth Springfield, Mass.
Jordan, Walter Washington, D. C.
Kent, Marie Rochester, N. Y.
Lampton, Cornella Greenville, Miss.
Monroe, Ione Savannah, Ga.
Williams, Cora Washington, D. C.
Worde, Phillip Elizabeth, N. J.

HISTORY STUDENTS

Bundy, Della Washington, D. C.
Calloway, Virginia Washington, D. C.
Colburn, George Wilmington, Del.
Dorsey, R. D. C. Scranton, Pa.
Johnson, Ruth Springfield, Mass.
Jones, Olive Washington, D. C.
Kent, Marie Rochester, N. Y.
Lampton, Cornella Greenville, Miss.
Monroe, Ione Savannah, Ga.
Ruffin, Beatrice Washington, D. C.
Worde, Phillip Elizabeth, N. J.

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THE SCHOOL OF THEOLOGY

SENIORS

Baker, William B. Waxhall, N. C.
Carter, Roy A. Washington, D. C.
Caver, Monroe S. Washington, D. C.
Goffney, Stephnie T. Washington, D. C.
McLeod, Jonathan O. Leicester, Jamaica, B. W. I.
Miller, George F. Mc. Smithville, Jamaica, B. W. I.
Nichols, Lee J. Quillin, Va.
Readding, Andrew T. Atlanta, Ga.
Reid, James H. Montclair, N. J.
Stennett, Raynes W. Montego Bay, Jamaica, B. W. I
Williams, Webster B. Clinton, S. C.

MIDDLERS

Blake, David A. Cary, N. C.
Brent, George W. Washington, D. C.
Campbell, Daniel St. Anns, Jamaica, B. W. I.
Connell, Joseph S. Trinidad, B. W. I.
Davis, John Washington, D. C.
Delainey, William Y. D. Philadelphia, Pa.
Fowler, George V. Key West, Fla.
Frisby, Clarence W. Cannonsberg, Miss.
Herring, Lormie P. Whigham, Ga.
Holder, Hafford A. Demerara, British Guiana.
Hollands, Elijah W. Washington, D. C.
Jones, Thomas C. Harrelsville, N. C.
Lassiter, Grover C. Harrelsville, N. C.
Maddrey, John Philadelphia, Pa.
Morgan, Charles McLean Demerara, S. A.
Swanston, Ernest Nevis, B. W. I.
Williams, Lawrence L. Stephen City, Va.

JUNIORS

Anderson, George H. P. Manchester, Jamaica, B. W. I.
Armstrong, John W. Cambridge, Md.
Carson, Bishop B. Lowndesville, S. C.
Cropper, Robert H. Milford, Del.
Greene, Richard Baltimore, Md.
Hodgson, William A. Le Bluefields, Nicaragua
Hercules, James H. British Guiana
Hughes, Enoch E. Cambridge, Md.
Jernigan, W. Charles Winton, N. C.

Moore, Kid Leon Grambling, La.
Mowbray, Paul Washington, D. C.
Morgan, Philip, Jr. Washington, D. C.
Nelson, Rinico Steedman, S. C.
Pace, James W. New Orleans, La.
Pagan, Adholtz H. Gastonia, N. C.
Pile, Renn F. Barbados, B. W. I.
Preston, William B. Salem, Va.
Ricks, Walter E. Portsmouth, Va.
Scott, George W. Washington, D. C.
Simmons, Boisie E. Montgomery, Ala.
West, Thomas C. St. Anns, Jamaica, B. W. I.

SPECIAL STUDENTS

Armstead, Abram D. Lovelady, Texas
Champion, Alex F. Jacksonville, Fla.
Goodwin, Oliver P. Benning, D. C.
Des Mukes, Albert D. Gonzales, Texas
Harper, William H. Fort Madison, Iowa
Long, Hilliard W. Hillsboro, N. C.
Smith, Emery B. Raleigh, N. C.
Winthrop, Charles B. Charleston, S. C.

EVENING INSTITUTE

FOURTH YEAR

Ashton, Charles B. Falls Church, Va.
Bolden, Mary J. Washington, D. C.
Carter, Elnora Prince Edward Co., Va.
Coles, William Proffit, Va.
Crutchfield, Alfred Westmoreland Co., Va.
Ford, John H. Alexandria, Va.
French, William H. Falls Church, Va.
Kent, James E. Washington, D. C.
Myers, Frederick D. Charles Co., Mo.

THIRD YEAR

Comer, Charles P. Washington, D. C.
Hawkins, James H. Washington, D. C.
Hearnes, Frank E. Washington, D. C.
Holmes, James T. Washington, D. C.
Jones, Cornelius S. Galveston, Texas
Massy, John K. Washington, D. C.
Wheeler, Wesley C. Washington, D. C.

SECOND YEAR

Jenkins, Charles B. Washington, D. C.
Lewis, Augustus Washington, D. C.
Marshall, James H. Washington, D. C.
Marshall, John T. Anacostia, D. C.
Stevenson, Nathaniel Washington, D. C.
Thornton, William H. Washington, D. C.
Williams, William A. Washington, D. C.

FIRST YEAR

Anderson, Robert Washington, D. C.
Boswell, John Washington, D. C.
Brown, Charles W. Washington, D. C.
Cunningham, John Washington, D. C.
Davis, James W. Washington, D. C.
Gant, Benjamin F.
Gaskins, Hampton T. Washington, D. C.
Henderson, William T. Washington, D. C.
Henley, Emma L. Washington, D. C.
Jones, Edward Washington, D. C.
Lee, Joseph W. Washington, D. C.
Mason, William A. Rockville, Md.
Rice, George W. Washington, D. C.
Thompson, Stanford Washington, D. C.

DEPARTMENT OF CORRESPONDENCE-STUDY

Armstead, H. D. Lovelady, Texas.
*Baker H. C. P. Winchester, Va.
Broadus, E. Thomas Deanwood, D. C.
*Brown, A. Angold Croom, Md.
Brown, W. P. York, Pa.
Brown, J. A. Washington, D. C.
Burns, Joseph H. Lancaster, Ky.
Campbell, H. Nason, Va.
Clark, H. C. Springfield, Mass.
*Coates, R. F. Aquasco, Md.
Coulbourne, J. S. Wattsville, Va.
Coward, B. P. Wilson, N. C.
Day, O. T. Suffolk, Va.
*Drake, John D. Washington, D. C.
Dew, W. H. Ayden, N. C.
Dotson, J. E. Leesburg, Va.
Deloatch, E. B. Mt. Airy, N. C.
Dickerson, J. H. Spring Lake, N. J.
Flowers, Wesley Pittsburg, Pa.
Grant, J. E. Charlottesville, Va.

*Matriculated.

Ginn, William New Church, Va.
*Geter, Clifford Newsoms, Va.
Griffin, J. F. Mobile, Ala.
*Hargis, D. H. Wilmington, Del.
*Hart, Robert A. Washington, D. C.
Hawkins, S. T. Derita, N. C.
Hawkins, G. A. Tee Bee, Md.
Henderson, William New Port, R. I.
Hubbard, W. A. Middletown, Del.
Holman, C. H. Paw Creek, N. C.
Hamilton, Geo. W. Brooklyn, N. Y.
Hobbs, Stephen T. Alamo, Ga.
Holley, Lewis W. Washington, D. C.
Jennings, R. D. Grafton, W. Va.
*Jackson, John A. Washington, D. C.
*Jeffress, J. M. Charlotte, C. H., Va.
Johns, J. E. A. Centerville, Md.
Johnson, Alonzo (deceased) Hartford, Conn.
Jones, S. August New York, N. Y.
*Lucas, B. A. Washington, D. C.
Lee, Joseph W. Washington, D. C.
Lewis, E. Martin Canal Zone, Pan.
Leath, W. H. Mobile, Ala.
Lundeen, Ernest Hildreth, Neb.
Macdonald, Alexander T. Londonderry, Nova Scotia, Canada
Mason, Mrs. E. B. Pittsburg, Pa.
*Matthews, C. H. Bel Air, Md.
Mickens, J. W. Harriston, Va.
*Middleton, R. T. Vicksburg, Miss.
Nichols, John D. Hartford, Conn.
Perry, Burl H. Atlantic City, N. J.
Phillips, Albert H. New York City, N. Y.
Pinson, David J. Sumter, S. C.
Ramseur, C. V. Charlotte, N. C.
*Reed, D. L. Fredericksburg, Va.
Roach, T. E. Rockville, Md.
Robinson, Andrew Onancock, Va.
Shirley, E. S. Mt. Moreland, Spanish Town, Jam.
*Stokes, V. V. K. Baltimore, Md.
Stovel, Daniel Ancon, Canal Zone.
Shepard, J. D. Port Jefferson, N. Y.
*Suthern, W. B. Harrisburg, Pa.
Tate, G. W. Wilkesboro, N. C.
Taylor, E. Augustus
Townsend, G. T. Dames Quarter, Md.
Turner, W. A. St. Michaels, Md.

*Matriculated.

West, W. C. Preston, Md.
Wilson, T. P. Salisbury, Md.
Withrow, C. I. Norfolk, Va.
Wormley, Leon S. Washington, D. C.
Woodley, T. H. Berlin, Md.
Walker, C. M. South Orange, N. J.
*Yearwood, J. N. Charlestown, W. Va.

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Seniors	11	
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EVENING INSTITUTE

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		37

CORRESPONDENCE STUDENTS

Matriculated as University Students	16	
	16	
		110
Correspondence Students not included in enrollment	57	

MEDICAL COLLEGE

SENIORS

Anderson, Joshua Fitz Falmouth, B. W. I.
Bell, Perry Marshall Lexington, Ky.
Brock, Howard Fauntleroy West Chester, Pa.
Brown, Lawrence Greely Florence, S. C.
Bowser, Elmer Elsworth, A. B., Lincoln University
Havre De Grace, Md.
Buckner, Roscoe Withrow Hull Charlottesville, Va.
Curtis, Austin Maurice, Jr. Washington, D. C.
Davidson, Richard Herbert New York, N. Y.

*Matriculated.

Dottin, Martin Luther Barbados, B. W. I.
Easter, Rafe Arnett Waco, Texas
Gordon, Frank Alexander Williston, N. D.
Green, William Ira Monroe, La.
Hall, George Logan Portsmouth, Va.
Hayes, James Matthew Union Level, Va.
Jackson, Julien Dabney Richmond, Va.
Janifer, Clarence Sumner Newark, N. J.
Lathers, Christopher Columbus, A. B., LL. M., Howard University
Dyersburg, Tenn.
Love, William Albert, A. B., Howard University.....Rockville, Md.
Lucas, Marie Bernadette Washington, D. C.
Johnson, George Alexander Washington, D. C.
Lynch, Harry Clay Washington, D. C.
McKinney Arthur Bandcroft Washington, D. C.
Mack, William, A. B., Biddle University Columbia, Tenn.
Murray, Peter Marshall, A. B., New Orleans University.
New Orleans, La.
Olden, Perry Alexander Greenville, Tenn.
Powell, Robert Joshua, A. B., Lincoln University.....Newton, Pa.
Rhinehart, Harvey Harold, A. B., Philander Smith College
Stephen, Ark.
Roane, Edward Sheridan Brooklyn, N. Y.
Robinson, John Hannibal, Jr. Hampton, Va.
Sankar, Andrew Edward Trinidad, B. W. I.
Shelton, Joseph Lincoln Washington, D. C.
Vaughan, James Maurice Plainfield, N. J.
Williams, John Downing, B. S., Union University Manassas, Va.
Williams, Leon James Bermuda, B. W. I.

JUNIORS

Alleyne, Albert Allen Port of Spain, Trinidad, B. W. I.
Bennett, Isaiah Samuel, A. B., Allen University Charleston, S. C.
Brown, Thomas Clifton Atlantic City, N. J.
Clinton, John Jacob Lancaster, S. C.
Coleby, Albert Edward Nassau, N. P., Bahamas
Crawford, Martin Luther, A. B., Howard University
Jacksonville, Fla.
Dixson, David Johnson, A. B., Benedict College Barnwell, S. C.
Flowers, John Azerre, A. B., Fisk University Casscoe, Ark.
Garvin, Charles Herbert, A. B., Howard University...Jacksonville, Fla.
Gibson, Levi Alexander, A. B., Livingstone College
China Grove, N. C.
Gordon, Robert Keith Darlington, S. C.
Harris, Norman Watkin Norfolk, Va.
Holdbrooks, Alonzo Albert, A. B., Livingstone College
China Grove, N. C.

Holt, John Walker, A. B., Livingstone College Asheville, N. C.
Humbert, Charles Robert Darlington, S. C.
Lee, Edwin Henry, B. S., Columbia University Tuskeegee, Ala.
McKelvie, Julius Caesar, A. B., Howard University Augusta, Ga.
McMorris, John Howard, A. B., Howard University ...Ellesville, Miss.
McRae, Jay Garland, A. B., Biddle University.....Carthage, N. C.
Martin, Isaiah Herbert, B. S., Fisk University.....Decatur, Ala.
Parker, James Wesley, A. B., Howard University....Jacksonville, Fla.
Pigott, Casper Napoleon Baltimore, Md.
Plummer, Frank Victor Washington, D. C.
Riley, Joseph Henry Howard Little Rock, Ark.
Robinson, Ernest Augustus, A. B., Livingstone College
Pee Dee, N. C.
Watson, Byron Alexander Washington, D. C.
Wilson, Isam Elijah, A. B., Biddle University.....Macon, Ga.
Worth, Charles Wesley, A. B., Shaw University.....Raleigh, N. C.
Yard, James Christopher Port Elizabeth, S. Africa.
Yoakley, William Ballas, A. B. Wilmington College..Wilmington, Ohio.
Young, Claudius Junius, A. B., Bennett College....Sherrills Ford, N. C.

SOPHOMORES

Bell, John Bethel, A. B., Lincoln University....Governor's Island, N. Y.
Calloway, Elijah Arthur Kilgore, Texas.
Carter, Peter Jacob Franktown, Va.
Claybourne, Moses, A. B., Howard University.....Boone Mill, Va.
Cooper, Wellington Watson Fort Worth, Texas.
Conyers, James Garfield Chattanooga, Tenn.
Fraser, Joseph Ethelbert Demerara, British Guiana.
Hughes, Hugh Price Baltimore, Md.
Mayhew, William Henry Trinidad, B. W. I.
McCloud, William, A. B., Lincoln University.....Fort Lawn, S. C.
Morgan, Frederick Clifton Bridgetown, Barbados, B. W. .I
Norris, Morgan Edward, A. B., Lincoln University....Kilmarnock, Va.
Page, George Chester Baltimore, Md.
Palmer, Henry Samuel Jamaica, B. W. I.
Peace, William Clarence, A. B., Howard University..Washington, D. C.
Ressy, Anselmo Pizarro (Special) Bayamon, Porto Rico.
Richie, Emory Wallace, B. S., (N. C.) A. & M. College
Abbeville, S. C.
Sanchez, Juan Estanislaus Placetas, Cuba.
Starks, Samuel Lumpkin, A. B., Paine College (Special)....Lisbon, Ga.
Stitt, Richard Howard, A. B., Livingstone College....Brooklyn, N. Y.
Terry, Elmer Clayton, A. B., Howard University (Special)
Reading, Pa.
Wallace, James Carroll, A. B., Wiley University Beaumont, Tex.
Welch, Elaine Wichita Falls, Tex.
Wiggins, Elmore Cornelius St. Louis, Mo.

FRESHMEN

Booker, Lee Walls Danville, Va.
Burnett, Foster Flavorial, B. S., (N. C.) A. & M. College
Wilmington, N. C.
Carroll, Daniel Harris, A. B., Morgan College..... Baltimore, Md.
Cook, Frank Robert Washington, D. C.
Cooper, Oscar James, A. B., Howard University.... Washington, D. C.
Gibbs, Jonathan Clarkson, A. B., Howard University... Tallahassee, Fla.
Harris, Charles Young, A. B., Howard University.... Washington, D. C.
Jacobs, Phillip Eugene Beaumont, Texas.
Lennox, Porter Barry, A. B., Howard University Detroit, Texas.
Luck, Jerry, Jr., A. B., Howard University Danville, Va.
Lunsford, Charles Terrel, A. B., Howard University..... Macon, Ga.
Johnson, James Raymond, A. B., Howard University.. Owensboro, Ky.
Nelson, Thomas Walter, A. B., Howard University.... Richmond, Va.
Phillips, John Morgan Washington, D. C.
Primas, Howard Emmett Camden, N. J.
Quick, John Doward..... Rockingham, N. C.
Robinson, Kelly DeVan Lexington, Ky.
Savoy, Walter Stanford Washington, D. C.
Warricks, John Thomas, A. B., Howard University.... Harrisburg, Pa.
Williams, John Alphonso Kingstree, S. C.
Williams, Rutherford Marcus Chicago, Ill.

DENTAL COLLEGE

SENIORS

Adams, Arthur Stewart Elkhorn, W. Va.
Brown, Emmet Ison Zion, Ky.
Burleigh, Arthur Vincent Meigs Atlantic City, N. J.
Burnett, Junius Battish Paris, Texas.
Coggins, James Bartow Cokesbury, S. C.
Cox, Everett Olin, A. B., Philander Smith College.... Little Rock, Ark.
Davenport, Lawrence John Orange, N. J.
Dowdell, Crawford Bertus Americus, Ga.
Evans, Andrew Foraker Lexington, Va.
Foster, Leo Joseph Meridian, Miss.
Gordon, Levi Preston Morton Philadelphia, Pa.
Henrique, Luther Thompson Mandeville, Jamaica, B. W. I.
Hinds, Charles Maxwell Barbados, B. W. I.
Howell, Hugh Douglas St. Louis, Mo.
Howell, Timothy Augustus Barbados, B. W. I.
Keller, Clarence Frederick Springfield, Ohio.
Logan, William Miller, A. B., Biddle University Concord, N. C.
McCollum, Lawrence Bennettsville, S. C.
Morrison, James Melville Kingston, Jamaica, B. W. I.

Roy, Joseph Clabert New Orleans, La.
Vaughan, Julian Francisco, Jr. (Special) Newark, N. J.
Weeden, Henry Page Hampton, Va.
White, William Henderson (Special) Columbus, Ga.
Whitfield, Harry Melford Washington, D. C.
Williams, Herbert Allandale Jamaica, B. W. I.

JUNIORS

Bush, James Emilo Baton Rouge, La.
Butler, Lucius Armond Augusta, Ga.
Campbell, Alger Leon Tarrytown, N. Y.
Campbell, Emmett Earl Talcott, W. Va.
Claytor, William Oat (Special) Washington, D. C.
Cole, Gilbert Alexander Jamaica, B. W. I.
Comans, Nathaniel Hawthorne Paris, Texas.
Cox, Thomas Robert Montgomery, Ala.
Day, Orlando Demetrius St. Louis, Mo.
Foster, Arthur Fitzjohn Jamaica, B. W. I.
Gittens, George Benjamin Trinidad, B. W. I.
Gloster, Cecil Francis Wilkes-Barre, Pa.
Goss, William Thomas, A. B., Biddle University Durham, N. C.
Grannum, Leslie Chetwynne Georgetown, British Guiana.
Hanson, Theodore Elkanah Jamaica, B. W. I.
Hickman, Frank Edward Washington, D. C.
Hightower, Richard Anderson Montgomery, Ala.
Hunt, Raymond Baltimore, Md.
Lytle, Winslow William Raleigh, N. C.
McTaggart, Roy Edison Georgetown, B. W. I.
Mitchell, Iverson Othello Washington, D. C.
Mosely, Welton Henry, B. S., (N. C.) A. & M. College
Charlotte, N. C.
Nicholson, Edwin Alexander Jamaica, B. W. I.
Reid, Leon Asbury Portsmouth, Va.
Shelton, Leonard Levi Louisa, Va.
Smith, James Wycliffe St. Louis, Mo.
Stanley, Josephus, Jr. Winchester, Miss.
Terrell, John Henry Cocoa, Fla.
Thomas, Raymond Bell Washington, D. C.
West, Reuben Morton Washington, D. C.
Williams, Albert Joseph Savannah, Ga.
Williams, Albert Pascal, Jr. Savannah, Ga.
Wily, Meredith Bedinfield El Paso, Texas.
Yancey, Clinton Ernest Danville, Va.

FRESHMEN

Bailey, Clarence Carlyle Norfolk, Va.
Beamon, Reginald Emmett Newport News, Va.

Beatty, John Casson Alexandria, Va.
Bishop, Winthrop Murray Baltimore, Md.
Boyd, Charles Henry Palm Beach, Fla.
Brazier, Joseph Christopher Hahville, La.
Callen, Frank Clarence Savannah, Ga.
Clarke, Roger Washington, D. C.
Cromwell, Ashley Leander Williamston, N. C.
Davis, Alexander Gaston, A. B., Biddle University Charlotte, N. C.
Dickens, Harvey Horace, A. B., Biddle University Philadelphia, Pa.
Dunn, Moses Daniel Kerens, Texas.
Dorrell, Lewis Marion Jacksonville, Fla.
Downing, Ralph Bernard Altoona, Pa.
Evans, Egbert Hugh Jamaica, B. W. I.
Fletcher, James Richard Washington, D. C.
Fyfe, Thomas Leopold Jamaica, B. W. I.
George, Charles Henry Trinidad, B. W. I.
Haywood, Harold Edmund San Antonio, Tex.
Howard, Waldo Jenkins Jacksonville, Fla.
Hunter, Frank Wilberforce Jamaica, B. W. I.
Hussey, Charles S. Cartille Jamaica, B. W. I.
Ingraham, Berry Shumpert Corinth, Miss.
Ingram, William Everett Washington, D. C.
Intsiful, Kofi Tewia Salisbury, N. C.
Jones, Thomas Eugene Washington, D. C.
Kendrick, Matthew Three Notch, Ala.
Lafayette, Albert Simms Savannah, Ga.
Lennox, George Detroit, Texas.
Lucas, Flavius Joseph Langley, Va.
Maitland, Clarence Albert Baltimore M,d.
Marshall, Clarence Griffith Bedford, Pa.
Martin, James Hartford Farmsdale, Ala.
Maxwell, Andrew Dibble Sumter, Ala.
May, Edgar Dallis Holton, Kan.
McAlister, Henry Fayetsville, N. C.
McCalla, Reuben Alexander Jamaica, B. W. I.
McKinney, Walter Victor Washington, D. C.
McMurray, Alonzo James St. Louis, Mo.
Parham, James Tunstall Danville, Va.
Phillips, Edgar Donald Jamaica, B. W. I.
Plummer, Lionel Latimer Jamaica, B. W. I.
Powe, Walter Darlington, S. C.
Reid, Herbert Brooklyn, N. Y.
Robinson, Corinna Edna Cordelia Montclair, N. J.
Scott, Wyndham Merideth Longer Wytheville, Va.
Smith, Charles James Richmond, Va.
Thomas, Arthur Lafayette Long Branch, N. J.
Wallace, Jesse Etta Calvert, Texas
Wiley, William Spencer Quitman, La.
Wise, Robert Thomas Mart, Texas.
Zuazo, Virgilio Meneses Rosario, Cuba.

PHARMACEUTIC COLLEGE

SENIORS

Davenport, George Richard Norfolk, Va.
Davis, William Elwood Washington, D. C.
Fonvielle, Joseph Earl Goldsboro, N. C.
Fordham, Marion Reginald Orangeburg, S. C.
Hardy, Henry Clay Washington, D. C.
Paine, John Howard Thomasville, Ga.
Quivers, Harold Levy Washington, D. C.
Seymour, Harry Solomon Anacostia, D. C.
Thompson, Julian Ross Washington, D. C.

JUNIORS

Butler, Charles Augustus Washington, D. C.
Carey, Lawrence Bernard Purcellville, Va.
Compton, Eugene Crummell Washington, D. C.
Dudley, Jesse Brenham Dayton, Ohio.
Goodson, Alonzo Eugene Congaree, S. C.
Henderson, Clarence Harry Pasadena, Cal.
Lawson, Wilbert Bernard Newport News, Va.
Lee, George Ernest Tuskeegee, Ala.
Lewis, Charles Henry Washington, D. C.
Mabry, Ernest Leveria Washington, D. C.
Martin, James Hartford Faunsdale, Ala.
Mullon, Edward Palmer New Orleans, La.
Richardson, Wilma Leona Washington, D. C.
Robinson, Andrew Alexander Richmond, Va.
Sample, Alexander Weaver Harrisburg, Pa.
Togans, James Albert Harrisburg, Pa.
Thrower, William Harrison Macon, N. C.
West, Cromwell Payne Newport, R. I.
Williams, Amy Margaret Washington, D. C.

FRESHMEN

Armoogan, John Linnell Madras, India.
Beckwith, Charles Bernard Clifton Station, Va.
Bennett, Della Merideth Philadelphia, Pa.
Blair, James Henry Robinson Jamaica, B. W. I.
Brimage, Emanuel Grayton Buckeystown, Md.
Brown, Arthur John Montclair, N. J.
Childs, Creed Winston, Jr. Washington, D. C.
Fletcher, James Richard Princeton, N. J.
Fowler, Esther Allen Baltimore, Md.

Fowler, Ruth Marie Baltimore, Md.
Freeman, William Clarence Mt. Hope, W. Va.
Garnett, Thomas Howard Hopkinsville, Ky.
Harris, Andrew William Washington, D. C.
Hayes, John Edward Union Level, Va.
Herriot, George Montgomery Washington, D. C.
Holden, Percy Spofford Charleston, N. C.
Hunton, Benjamin Holden Toronto, Canada.
Jernigan, R. Lawrence Winton, N. C.
Jones, Verdi Merrick Washington, D. C.
Kirby, Ransom Franklinton, N. C.
Mossell, Aaron Albert Washington, D. C.
Parrott, Richard Lorraine Kinston, N. C.
Priestly, Edward Warren Albany, Ga.
Reid, Harry Wilson Lynchburg, Va.
Roscoe, Charles Lee Concord, N. C.
Smoot, John Mandeville Cheran, S. C.
Taylor, Lawrence Corbit Anacostia, D. C.
Thomas, George Lawson Baltimore, Md.
Thomas, William Edgar Washington, D. C.
Valentine, Odie Frank St. Louis, Mo.
Walker, Clarence Daniel Baltimore, Md.
Warricks, James Robert Harrisburg, Pa.
Williams, Leo Lincoln Tyrone, Pa.
Woodard, William Spurgeon Rockingham, N. C.

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SCHOOL OF LAW

SENIORS

Banks, Arthur G. Boston, Mass.
Bates, Alva L. Bridgeport, Barbados, B. W. I.
Bond, Roy S. Forest Hill, Md.
Buckner, James E. Louisville, Ky.
Caldwell, Thornwell A. Washington, D. C.
Cleland, John M. (A. B.) Harrodsburg, Ky.
Coleman, David C. Richmond, Va.
Curley, Clarence B. (A. B.) Memphis, Tenn.
Chandler, William A. New York City, N. Y.
Crumpler, Robert B. Norfolk, Va.
Davis, Walter L. Norfolk, Va.
Daniels, Henry M. Savannah, Ga.
Drewry, William H. (A. B., A. M., S. T. B.) North Fork, W. Va.
DeVeile, Clarence M. Washington, D. C.
Dryver, Edward E. (B. S.) McNeil, Ark.
Epps, John D. Kingstree, S. C.
Hamilton, Frederick J. Chicago, Ill.
Irish, George H. Montserrat, B. W. I.
Jones, Junius W. Victoria, Texas.
Jackson, Jesse M. (A. B.) Glasgow, Mo.
Kelly, Samuel T. (A. B.) Hattiesburg, Miss.
Murray, George H. Cambridge, Mass.
Offord, William L. Philadelphia, Pa.
Pree, Riddick H. Williamsburg, Va.
Stockett, James M., Jr. Providence, R. I.
Thomas, Andrew M. San Antonio, Texas.
Thomas, Charles M. Washington, D. C.
Thompson, William J. East St. Louis, Ill.
Watkins, William E. Providence, R. I.
Wilson, Lemuel A. Washington, D. C.
Wimberley, Joseph G. San Antonio, Texas.

MIDDLERS

Apellaniz, Luis San Juan, Porto Rico.
Barclay, Martin L. H. New York City, N. Y.
Bellamy, Arthur H. Georgetown, British Guiana.
Carrington, Lloyd S. Cristobal, Canal Zone.
Davis, Mitchell A. Trenton, N. J.
Hawkins, John R. (A. M.) Washington, D. C.
Hill, Samuel B. Washington, D. C.
Jones, Samuel P. Wayside, Md.
Locker, Jesse D. College Hill, Cincinnati, Ohio.
Mosse, Jonathan C. Kingston, Jamaica, B. W. I.

Mason, Charles H. Portsmouth, Ohio.
Mercado, Nicolas S. Fajardo, Porto Rico.
Morris, James B. Washington, D. C.
Murray, F. Morris Washington, D. C.
Pollard, Benjamin G. Georgetown, British Guiana.
Queen, Robert Newark, N. J.
Reid, Thomas H. Norfolk, Va.
Ramos, Diego E. Arecibo, Porto Rico.
Smith, Edward S. Xenia, Ohio.
Thomas, William E. Oakley, Md.
Venable, Abram H. (A. B.) Petersburg, Va.
Watkis, Haroldo R. St. Louis, Mo.
Wilson, Frank L. Portsmouth, Va.

JUNIORS

Beasley, George W. Boston, Mass.
Banton, Clarence W. Philadelphia, Pa.
Baynham, Daniel L. Beazley, Va.
Briggs, William L. Woods Cross Roads, Va.
Baijnath, Shadrach Trinidad, B. W. I.
Boyce, Joseph L. Barbados, B. W. I.
Ball, Otis T. Burgess Store, Va.
Bunch, George Galena, Kans.
Collins, Alfred H. Norfolk, Va.
Crumpler, Chester H. Norfolk, Va.
Crunn, Alpheus A. Montpelier, Jamaica.
DeVaughn, George G. Jacksonville, Fla.
Davis, Henry W. Washington, D. C.
Davis, Jackson L. (A. B.) Mansfield, La.
Francis, Cedric E. (B. S.) Washington, D. C.
Green, Thomas P. Washington, D. C.
Grimes, James L. Houston, Texas.
Grimshaw, Walter H. Brooklyn, N. Y.
Henry, Joseph R. West Point, Miss.
Hall, Carrie E. (Miss) Peoria, Ill.
Harris, Mortimer M. Montgomery, Ala.
Howell, LaFayette A. Norfolk, Va.
Holerman, Joseph H. Chicago, Ill.
Jones, Joseph N. Tallahassee, Fla.
Jackson, Andrew Birmingham, Ala.
Lyons, Thaddeus Galveston, Texas.
Lane, Charles E., Jr. Washington, D. C.
Long, Gundie T. Washington, D. C.
Mason, Joseph F. Sussex C. H., Va.
McMurray, John A. (B. S.) St. Louis, Mo.
McBrayer, Glenn S. Clarksburg, W. Va.
McAlister, David J. Fayetteville, N. C.

Nicholson, Reuben Tunis, Texas.
Pinderhughes, Charles L. Providence, R. I.
Page, Gouverneur M. Charles Town, W. Va.
Perry, Clarence C. Wytheville, Va.
Robertson, Cecil E. F. Agricola, Demerara
Richardson, James A. Washington, D. C.
Robinson, Charles E. Washington, D. C.
Smith, Theophilus B. Springfield, Mass.
Sanders Thomas F. Asheboro, N. C.
Sola, Primo F. Key West, Fla.
Smith, Ralph L. Washington, D. C.
Settle, Josiah T., Jr. Memphis, Tenn.
Westerfield, Samuel Z. C. (B. S.) Lincoln, Neb.
Wimberley, Frank H. (A. B.) Tarboro, N. C.
Wright, Lillian B. (Miss) Chicago, Ill.
Wells, David E. Belleville, N. J.

SPECIALS

Barber, Charles W. Rock Hill, S. C.
Brickhouse, Arthur T. Exmore, Va.
Hunter, Ernest S. Pittsburg, Pa.
Johnson, Elijah L., Jr. Tuskegee, Ala.
Kinckle, John V. Savannah, Ga.
Lilly, Leonard J. (A. B.) Crystal Springs, Miss.
Stephens, Romeo B. Luther, Okla.

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ACADEMY

SENIORS

Bruce, William A. New York City, N. Y.
Burke, Walter S. Portsmouth, Va.
Cannon, J. Payne Portsmouth, Va.
Carey, Richard St. Kitts, B. W. I.
Cassell, Lewis A. Baltimore, Md.
Corthran, Herbert W. Jacksonville, Fla.
Dyett, Thomas B. D. Montserrett, B. W. I.
Flipping, Keffier M. East Radford, Va.
Garvin, Walter B. Jacksonville, Fla.

Gooden, Earl S. Parkersburg, W. Va.
Gorden, Eugene F. Hawkinsville, Ga.
Hart, Dean E. Birmingham, Ala.
Harrison, Odele G. Mobile, Ala.
Heard, Agnes A. Athens, Ga.
Johnson, Clifton L. Mobile, Ala.
Johnson, Mervin W. Bordentown, N. J.
Jones, Armel T. Jacksonville, Fla.
Koger, Linwood G. Reidsville, N. C.
Koger, Azzie B. Reidsville, N. C.
Lampton, Cornella D. Greenville, Miss.
Lemon, Thomas A. Sassafras, Va.
Major, Lucy Norvell Hopkinsville, Ky.
McNeill, Oliver W. H. Wilmington, N. C.
Mercurius, Randolph P. Jamaica, B. W. I.
Middleton, Louis R. Savannah, Ga.
Miner, Uzziah Fay, Dewey County, Okla.
Nelson, Thomas B. Baltimore, Md.
Owen, Robert L. Memphis, Tenn.
Pendelton, Garnett L. Tampa, Fla.
Pinckney, Charles H. New York City, N. Y.
Preston, Charles W. Albany, Ga.
Rahming, Harry E. Providence, R. I.
Smith, Mamie H. Vineland, N. C.
Starks, Eugene F. Eagle Rock, Va.
Tancil, Leon A. Alexandria, Va.
Targinton, Fannie C. Elizabeth City, N. C.
Taylor, Elsie L. Manassas, Va.
Thomas, E. Maline Rochester, N. Y.
Thompson, Elizabeth E. Washington, D. C.
Thompson, Charles M. Columbia, S. C.
Tucker, Jacob F. Warwick, East Bermuda, B. W. I.
Ward, Chester A. Charlottesville, Va.
Watkins, Ruth W. Princeton, N. J.
Willis, Coulter P. Alexandria, Va.
Wimbish, Christopher C. Atlanta, Ga.
Wooding, S. Garland Hannibal, Mo.
Wyatt, Hattie R. Charlottesville, Va.

MIDDLERS

Baker, Leroy R. Jacksonville, Fla.
Best, George S. Port-of-Spain, B. W. I.
Blount, Louis C. Washington, D. C.
Bohee, Sumner T. Oil City, Pa.
Boisseau, Raymond O. Alexandria, Va.
Braswell, Bertie A. Orlando, Fla.
Brown, James W. New York City, N. Y.
Brown, James A. Edwards, Miss.

Brown, Spurgeon D. Binn's Hall, Va.
Bugg, Margaret B. Lynchburg, Va.
Cannon, Eugene C. Darlington, N. C.
Capehart, Lovelace B. Raleigh, N. C.
Chapman, Selden G. Camden, N. J.
Clayton, Clarence G. Delaware, Pa.
Clayton, Norma B. Lynchburg, Va.
Coleman, William C. Colorado Springs, Colo.
Combs, Ellen A. Baltimore, Md.
*Crawley, Ivan J. Wilmington, N. C.
Darbeau, Uriah T. Grenada, B. W. I.
Davis, Rosa E. Philadelphia, Pa.
Doss, James L. Alexandria, Va.
Elliott, Carl W. Asbury Park, N. J.
Fowlkes, Leslie A. Burkesville, Va.
Givings, Noel R. Stony Creek, Va.
Green, Robert H. Norfolk, Va.
Gross, William H. Providence, R. I.
Harris, Hattie Mae Athens, Ga.
Hedgeman, Norman Washington, D. C.
Henderson, Chas. M. Pittsburg, Pa.
Hewlett, James Philadelphia, Pa.
Howard, Raymond A. San Andres Island, Gough.
Ivey, Lewis A. Lafayette, Ala.
Jackson, Grace L. Washington, D. C.
Johnson, Powell Dallas, Texas.
Johnson, Eugene A. Atlantic City, N. J.
Jones, Mildred A. Savannah, Ga.
Jones, William R. Newbern, N. C.
Kirby, Harry W. Centerville, Md.
Lee, Van D. Raleigh, N. C.
Lord, Guy A. St. Paul Grenada, B. W. I.
Monroe, Amabel L. Savannah, Ga.
Murray, Willard H. New Orleans, La.
Nichols, Samuel E. Chicago, Ill.
Phipps, Nauford O. Nevis, B. W. I.
Picou, Alexander R. Trinidad, B. W. I.
Poore, Leonard L. Concord Depot, Va.
Priestley, Edward W. Albany, Ga.
Ricks, Percy E. Washington, D. C.
Riley, John J. Jersey City, N. J.
Robinson, Adelbert E. Saint Andrew Island.
Robinson, Robert S. Richmond, Va.
Ross, Marshall E. Newport, R. I.
Scurlock, Maud A. Pinehurst, N. C.
Sheafe, Louis C. Washington, D. C.

*Deceased.

Smith, Lillian R. Washington, D. C.
Spencer, Bibb Carrollton, Ala.
Swann, Frank L. New Haven, Conn.
Washington, Carol E. Asheville, N. C.
Watts, John E. Columbus, S. C.
Wells, Alma Minde Nashville, Tenn.
White, Chauncey D. Mathews, Va.
White, Goodloe M. Bowie, Md.
Woodard, William S. Rockingham, N. C.
Wyatt, Marion B. Charlottesville, Va.

SUB-MIDDLERS

Alexander, Eugene Bealeton, Va.
Baskerville, James E. Brooklyn, N. Y.
Baxter, Marion A. Georgetown, S. C.
Beasley, William L. Washington, D. C.
Branch, Paul R. Palm Beach, Fla.
Briggs, Charles S. Spring Grove, Va.
Brooks, Estella B. New York City, N. Y.
Brooks, Nathaniel C. New York City, N. Y.
Brooks, Samuel H. Staunton, Va.
Brown, Sydney P. Edmonds, Miss.
Brown, Theodore A. Lawrenceville, Va.
Brown, Willie Mae Sterling, Ky.
Burroughs, Harry W. Newark, N. J.
Cameron, Katheryn I. Canton, Miss.
Capehart, Myrtle L. Raleigh, N. C.
Carter, Fred D. Reidsville, N. C.
Chandler, Harry V. Port Tampa, Fla.
Chitester, Mariana Washington, D. C.
Colburn, George H. Wilmington, Del.
Colden, Theopolis W. Suffolk, Va.
Coles, Bernard A. Charlottesville, Va.
Crawford, Waverly L. Alliance, Va.
Creekmur, Cora S. Portsmouth, Va.
Cumberbatch, John Barbados, B. W. I.
Davenport, Hugh Toronto, Canada.
Dawson, Bruce S. Huntsville, Ala.
Delaney, Harrison Long Island City, N. Y.
Dykes, Anita M. Washington, D. C.
Evans, Grace L. Gloucester, Va.
Fields, James A., Jr. Newport News, Va.
Gaskins, Vivian L. Washington, D. C.
Garnes, Carlton M. Springfield, Mass.
Garrett, York D. Tarboro, N. C.
Gillett, Amos C. Charles City Co., Va.
Gordon, Mamie E. Plainfield, N. J.
Green, Burrell H. Oil City, N. C.

Grier, Pearlie E. Washington, D. C.
Hagler, William E. Palatka, Fla.
Hairston, Chalmers Princeton, N. J.
Harrison, Katherine S. Winnipeg, Manitoba, Canada
Harris, Patrick J. St. George Grenada, B. W. I.
Harry, Edmond V. Kingston, Jamaica, B. W. I.
Hayling, William S. St. George, Grenada, B. W. I.
Henry, Nelson Ft. Pierce, Fla.
Iles, Robert V. Gustavia, St. Bartholomew, B. W. I.
Irving, Titus A. Charleston, W. Va.
Jackson, Fannie M. Walkersville, Pa.
James, Gonzala Dela Jacksonville, Fla.
Jones, Joseph R. Danville, Ky.
Jones, Thomas C. Tunis, N. C.
Jones, Malinda B. Chattanooga, Tenn.
Kennedy, Deborah Centerville, Md.
Lampton, Ethel I. Greenville, Miss.
Latimer, Benton R. Warrenton, Ga.
Lee, Irene B. Springfield, Mass.
Lucas, Last Boy Rocky Mt., N. C.
Mallory, Sadie D. Locust Dale, Va.
Mask, James T. Wilmington, Del.
Matthews, James E. Gettysburg, Pa.
Mattocks, David D. Philadelphia, Pa.
Mayfield, Florence L. Frankelton, N. C.
McDaniel, William H. Louisville, Ky.
McFarland, Boone C. Providence, R. I.
Montrose, George P. Rosean Dominica, B. W. I.
Moon, Mamie L. Mt. Hope, W. Va.
Moore, Sarah Rebecca Washington, D. C.
Moseley, Walter L. Jacksonville, Fla.
Mickey, Bushrod Washington, D. C.
Miller, Ernest E. Ronceverte, W. Va.
Murray, James E. Charlottesville, Va.
Murray, Roscoe C. Charlottesville, Va.
Neal, Spurgeon D. Salem, N. C.
Nesbitt, Marion A. Chicago, Ill.
Norflett, John C. Warrenton, Ga.
Nicholson, Harvey S. Atlantic City, N. J.
Parks, Cyril A. St. Augustine, Fla.
Patillo, Selistan Beaumont, Texas.
Perkins, Viola B. Savannah, Ga.
Peterson, Holquina L. San Andrews, Rep. Columbia.
Poole, Imogene D. Atlanta, Ga.
Pratcher, Seymore Franklin, La.
Presley, Edward B. Clifton Forge, Va.
Purce, Pheobe E. Louisville, Ky.
Rattley, Josie M. Danville, Va.

Ready, Mansfield Wilmington, Del.
Robinson, Lucie B. Manassas, Va.
Robinson, Mabel V. Pauling, N. Y.
Russell, George B. Norfolk, Va.
Salinear, Royal L. New York City, N. Y.
Shackelford, Esther A. Richmond, Ky.
Shelton, Daisy B. Washington, D. C.
Smith, Hermione V. Lynchburg, Va.
Spaulding, Henry M. Freeman, N. C.
Spriggs, Ethel F. Washington, D. C.
Stanard, Edward L. Richmond, Va.
Stowe, Arnold E. Flatts, Bermuda.
Strange, Bernard R. Philadelphia, Pa.
Taitt, John D. Brooklyn, N. Y.
Taylor, Albert S. Washington, D. C.
Turner, Olander B. Natural Bridge, Va.
Walton, George A. Robertson, Texas.
Williams, Luke E. Palmyra, N. C.
Williams, Mabel P. Washington, D. C.
Williams, Roberta Washington, D. C.
Williams, Wyoming Tampa, Fla.
Winters, Oliver W. Atlantic City, N. J.
Woods, David L. Leesburg, N. C.
Yancey, Abner M. Richmond, Va.
Young, Dorothy M. Washington, D. C.

JUNIORS

Alexander, Lester O. Bealeton, Va.
Allen, Chas. A. Birmingham, Ala.
Allen, Daisy M. Abbeville, S. C.
Anderson, William W. Philadelphia, Pa.
Baker, Eva Louisa, Va.
Banks, Cornelia O. Richmond, Va.
Berry, Leon A. Conawingo, Md.
Bradford, Hugh Washington, D. C.
Bradford, Orville Washington, D. C.
Briggs, Maine L. Providence, R. I.
Briggs, William L. Gloucester, Co. Va.
Brokenborough, Philip A. Jersey City, N. J.
Brown, Alma I. Charleston, S. C.
Brown, Ashmun H. D Baltimore, Md.
Brown, Oscar C. Edwards, Miss.
Burnette, John E. Norfolk, Va.
Burton, George Atlantic City, N. J.
Callender, Joseph A. Montreal, Canada.
Carmon, Henry A. New York City, N. Y.
Carr, Julian M. Charlotte, N. C.

Challenor, Robert L. St. Peter, Barbados.
Christian, Peter C. Dominica, B. W. I.
Coles, Beecher M. Charlottesville, Va.
Connolly, John C. Grand Caymon, B. W. I.
Conway, William L. Brentwood, Md.
Davis, George W. Hampton, Va.
Davis, Leon H. Hampton, Va.
Davis, William F. Antiqua, B. W. I.
Dausuel, Sexton L. Horse Shoe, N. C.
Dean, Harry A. Washington, D. C.
Dorsey, Frank Annapolis, Md.
Dorsey, Thomas M. Fairfax, Va.
Drake, Charles Little Mills, N. C.
Dyett, John H. R. Montserrett, B. W. I.
Ennis, William H. O. Delaware City, Del.
Ewing, Nazarene Washington, D. C.
Ferguson, Blanche S. Pulaski, Va.
Freeman, Thomas J. Chattanooga, Tenn.
Folkes, Jesse C. Springfield, Ill.
Foster, George A. Tuscaloosa, Ala.
Gantt, Edward A. Washington, D. C.
Garroway, James B. Dominica, B. W. I.
Gibson, Samuel H. Montreal, Canada.
Gillard, Thomas H. B. Mobile, Ala.
Gould, Lafayette L. Philadelphia, Pa.
Gray, Sarah F. Jefferson, Ky.
Grieves, Miller J. New York City, N. Y.
Hamer, James N. Montreal, Canada.
Hancock, Lillian W. Clinton, Iowa.
Harris, Benjamin C. Bloomville, N. C.
Hines, Sadie N. Louisberg, N. C.
Jackson, Charles L. Charlottesville, Va.
Jackson, Ruth N. Colonial Beach, Va.
Jefferson, Benjamin F. Richmond, Va.
Jenkins, Irene St. Louis Mo.
Johnson, Daisy L. Washington, D. C.
Johnson, James N. Washington, D. C.
Johnson, Victor E. Congress Heights, D. C.
Jones, Beatrice E. Dorchester, Mass.
Jones, Bessie P. Paterson, N. J.
Jones, Edward Brooklyn, N. Y.
Jordan, Pinckney Dallas, Texas.
Keenan, Frederick A. Harrisonburg, Va.
Knox, John W. Atlanta, Ga.
Lawson, Walter E. Roanoke, Va.
Lewis, Ephraim Carmel, Jamaica, B. W. I.
Madison, James W. Warrenton, Va.
Madison, Lewis K. Warrenton, Va.

Maddux, Walter W. Montclair, N. J.
Mason, Sadie L. Jacksonville, Fla.
May, Lozandro F. Baltimore, Md.
McAlister, Henry A. Fayettesville, N. C.
McLeod, Osmond J. Frankfield, Jamaica, B. W. I.
McCullough, Alma C. Charlotte, N. C.
Melendez, Clotilda O. San Juan, P. R.
Moody, Gilbert H. Buniford, Va.
Murphy, Katie B. Washington, D. C.
Pagans, James A. Gastonia, N. C.
Pannell, Wilbur E. Staunton, Va.
Parker, Henry S. Independence, Mo.
Patterson, Clinton J. Frederick City, Md.
Perry, Gertrude Evanston, Ill.
Plummer, Harry V. Hitchinson, Kans.
Portlock, Louis H. Norfolk, Va.
Register, Harold D. Pensacola, Fla.
Reid, Harry W. Lynchburg, Va.
Rideout, George Alexandria, Va.
Roane, Smithson Plymouth, Mass.
Rosser, James Phoenix, Ariz.
Rudd, Edward P. Plainfield, N. J.
Ruffin, John H. Williamston, N. C.
Scott, Llewellyn C. Cismont, Va.
Selden, George H. Bedford City, N. Y.
Shelton, Larkin Winona, Minn.
Smallwood, Ethel M. New York City, N. Y.
Smith, Leo C. Smithfield, N. C.
Smith, Leon H. New York City, N. Y.
Stephens, Charles S. Steelton, Pa.
Stephens, M. Egbert New Amsterdam Berbice, B. G.
Stevenson, Robert F. Montclair, N. J.
Stewart, Seth F. Frogmore, S. C.
Surcey, Chas. P. Washington, D. C.
Sweeney, Henry C. San Antonio, Texas
Thomas, Ponce DeLeon Staunton, Va.
Thomas, William E. Fairmont Heights, Md.
Thompson, Leon A. Augusta, Ga.
Traverse, Mamie H. Washington, D. C.
Turner, George W. Washington, D. C.
Vilain, Percy E. Mt. Hope Cristobal, Canal Zone.
Walker, Blanche Phoebus, Va.
Waites, George St. Louis, Mo.
West, Susie M. Washington, D. C.
White, John H. Elizabeth, Va.
Whitmier, Gladys V. Denver, Colo.
Williams, Alva D. Eufaula, Ala.
Williams, Howard S. Washington, D. C.

Williams, Oswald S. Washington, D. C.
Wilson, Jehu Jacksonville, Fla.
Woodard, Walter D. Rockingham, N. C.
Wormley, Wilbert H. Topping, Va.
Young, Andrew L. Norfolk, Va.
Young, William H. Washington, D. C.

UNCLASSIFIED

Adams, Carrie L. Washington, D. C.
Anderson, George H. P., (Theo. Sch.) Jamaica, B. W. I.
Armstrong, John Wm. (Theo. Sch.) Dorchester, Md.
Bell, Maud A., (Con. Mus.) Saratoga Springs, N. Y.
Berry, Mary M. Washington, D. C.
Botts, John M., (Col. A. & S.) Washington, D. C.
Boyce, Joseph L. (Law Sch.) Empire, Canal Zone
Boyd, Chas., (Med. Sch.) Palm Beach, Fla.
Brent, Rufus O. West Medford, Mass.
Brown, Madge (T. Col.) Montgomery, Ala.
Caldwell, Daisie L. Philadelphia, Pa.
Calloway, Virginia L. Washington, D. C.
Campbell, Daniel A. (Theo. Sch.) St. Anns, Jamaica, B. W. I.
Carson, Bishop (Theo. Sch.) Lowndesville, S. C.
Carter, Marcus H. Birmingham, Ala.
Champion, A. F. (Theo. Sch.) Jacksonville, Fla.
Clark, Roger (Med. Sch.) Washington, D. C.
Coffee, Elizabeth (T. Col.) Florence, Ala.
Compton, Eugene (Med. Sch.) Washington, D. C.
Cooper, Edward L. (Com. Col.) Jefferson, Ala.
Delainey, William Y. D. (Theo. Sch.) Philadelphia, Pa.
Desmukes, Albert D. (Theo. Sch.) Washington, D. C.
Dickson, Amanda F. Atlanta, Ga.
Frisby, Clarence W. (Theo. Sch.) Connonsburg, Miss.
Gatewood, Lottie (Col. A. & S.) Bowling Green, Ky.
Gibson, Sophie (Com. Col.) Peoria, Ill.
Gilmore, George B. Oil City, Pa.
Golson, Leslie M. (T. Col.) Springfield, Mass.
Goodwin, Amy L. (Con. Mus.) Amherst, Mass.
Green, Richard A. (Theo. Sch.) Baltimore, Md.
Hackett, Robert, Jr. (Theo. Sch.) Baltimore, Md.
Harris, Andrew (Med. Sch.) Washington, D. C.
Hercules, James (Theo. Sch.) Georgetown, B. Guiana
Hill, Edmund, Jr. Alexandria, Va.
Hodgson, William L. Bluefields, Nicaragua, C. A.
Holder, Hafford (Theo. Sch.) Georgetown, Demerara, S. A.
Holmes, Clarence F. (Col. A. & S.) Denver, Colo.
Homer, Joseph C., Jr. (Theo. Sch.) Baltimore, Md.
Howard, Wioza L. (Col. A. & S.) Jacksonville, Tex.
Hubbard, Katherine Denver, Colo.

Hundley, Mary Sue Huntsville, Ala.
Hunt, Raymond H. (Med. Sch.) Baltimore, Md.
Ivey, Hattie (Com. Col.) Drewryville, Va.
Jackson, Andrew (Law Sch.) Birmingham, Ala.
Jackson, Burkie Birmingham, Ala.
James, Esther C. Washington, D. C.
Jefferson, Carrie B. Cordele, Ga.
Jernigan, Alsonia L. Winston, N. C.
Jernigan, William D. Winston, N. C.
Johnson, Ruth H. (Con. Mus.) Springfield, Mass.
Jones, Thomas C. (Theo. Sch.) Enfield, N. C.
Jones, Verdie M. (Med. Sch.) Washington, D. C.
Jordan, Walter J. (T. Col.) Richland, Ga.
Kent, LaBelle M. Rochester, N. Y.
King, Estelle (Library Sch.) Lagrange, Ga.
Kirby, Renson (Med. Sch.) Kenly, N. C.
Lane, Julia F. (Con. Mus.) Norwich, Conn.
Lee, Helen E. C. (T. Col.) Philadelphia, Pa.
Lewis, Bernice B. (T. Col.) Charleston, S. C.
Mathis, Geneva E. Greenville, Ky.
McCormick, Thomas H. (T. Col.) Baltimore, Md.
McKinney, Walter V. (Med. Sch.) Washington, D. C.
Mitchell, John S. Lynchburg, Va.
Minor, Marguerite A. Washington, D. C.
Monholland, Vera (T. Col.) Kansas City, Mo.
Moore, Kid Leon (Theo. Sch.) Grambling, La.
Morgan, Chas. (Theo. Sch.) Demerara, South America
Mosley, William H. Decatur, Ala.
Neal, Pearl A. (Con. Mus.) Charlotte, N. C.
Pace, James W. (Theo. Sch.) New Orleans, La.
Perry, Henry A. (Theo. Sch.) Tuskegee Ala.
Pierce, Harold E. (Com. Col.) Bridgeton, N. J.
Pizarro, Ressy Anselmo Bayamon, Porto Rico
Plaine, Judson B. Cedartown, Ga.
Pollard, Benj. G. (Law Sch.) Georgetown, Demerara, B. G.
Porter, Vergie M. (Col. A. & S.) Washington, D. C.
Powell, Clilan B. Newport News, Va.
Purvis, Isaiah D. Brooklyn, N. Y.
Ragland, John M. Hinsdale, Ill.
Ramsey, William H. (Col. A. & S.) Memphis, Tenn.
Reed, Chester A. (Com. Col.) Birmingham, Ala.
Robinson, Mayme E. (T. Col.) Richmond, Va.
Scott, Ada J. Spotsylvania, Va.
Scott, George W. (Theo. Sch.) Anacostia, D. C.
Scott, Mabel (Com. Col.) Washington, D. C.
Simmons, Boissie E. (Theo. Sch.) Montgomery, Ala.
Simpson, Clay E. Natasulga, Ala.
Smith, Olive B. (Con. Mus.) Springfield, Mass.

Stipes, Lucile (Com. Col.) Chattanooga, Tenn.
Sullivan, Zoa C. Wilmington, N. C.
Swanston, Ernest (Theo. Sch.) Nevis, B. W. I.
Sykes, Frank (Com. Col.) Decatur, Ala.
Taylor, Lawrence C. (Med. Sch.) Anacostia, D. C.
Thomas, A. B. (T. Col.) Chicago, Ill.
Thomas, Lena M. (T. Col.) Bellefonte, Pa.
Turner, Alice (T. Col.) Boston, Mass.
Walker, Alexander (Theo. Sch.) Brooklyn, N. Y.
Walker, Verona (T. Col.) Washington, D. C.
Ward, Gladys (Con. Mus.) Springfield, Mass.
Watson, Sallie Mae Saluda, S. C.
Webb, Haywood (T. Col.) Preston, Md.
Webb, Louise V. (Con. Mus.) Pittsburg, Pa.
West, Thomas C. (Theo. Sch.) ... St. Anne, Alexandria P. O., B. W. I.
White, Lucy A. Columbus, N C.
Williams, Lawrence (Theo. Sch.) Stephen City, Va.
Winters, Cora Washington, D. C.
Worde, Philip F. (Con. Mus.) Elizabeth, N. C.

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	450

COMMERCIAL COLLEGE

FOURTH YEAR STUDENTS

Addison, Augustus M. Fort Gibson, Miss.
Avery, Richard T. Nyack, N. Y.
Bradley, Roland W. Louisville, Ky.
Brice, George Edward Annapolis, Md.
Clements, Inez Petersburg, Va.
Dickson, Kate L. Atlanta, Ga.
Patience, Chester D. West Pittston, Pa.
Sims, Peola C. Covington, Tenn.
Washington, Julius Irwin Beaufort, S. C.
Williams, I. W. Philadelphia, Pa.

THIRD YEAR STUDENTS

Allen, George Henson Little Rock, Ark.
Cooper, Edward L. Birmingham, Ala.

Chappelle, Helen Washington, D. C.
Darwin, Berrissa Taylorville, Ill.
Dean, William Andrew Denver, Colo.
D'Arbeau, Uriah St. John Grenanda, B. W. I.
Dixon, Walter Thomas Columbus, S. C.
Dowdell, Bertha L. Frankfort, N. Y.
Dobbins, Garrette Cooper Teague, Texas
Dunlop, Leroy D. Morristown, N. J.
Eberhardt, John Thomas Chattanooga, Tenn.
Gary, Roger Thomas Evansville, Ind.
Girod, Charles Augustus Panama, South America
Houston, Alice J. Springfield, Ill.
Marchant, Ethel S. Washington, D. C.
Merchant, Flossie Agnes Pittsburg, Pa.
Mickens, Cecil C. Hinton, W. Va.
Morton, Monroe B., Jr. Athens, Ga.
Morton, Parker Pleasant Steubenville, Ohio
Richardson, James A. Boston, Ga.
Robinson, Robert W. Washington, D. C.
Smith, Walter D. Brooklyn, N. Y.
Stuart, Claude Clement Rodney, Miss.
Walton, DeWitt, ... Boston, Ga.
Wright, James W. Denton, Md.
Yancy, Rosalind Augusta Pittsburg, Pa.
Young, Laura Palistine, Texas.

SECOND YEAR STUDENTS

Blackmon, Claude Wesley Goldsboro, N. C.
Brooks, Clara W. Warren, Va.
Buckner, William Henry Memphis, Tenn.
Davis, Leon H. Hampton, Va.
Fleming, John Glosser Morganton, N. C.
Foster, Obadiah Tuscaloosa, Ala.
Grieves, Miller J. New York City, N. Y.
Howard, Moses Forsyth, Ga.
Miller, Harriet L. Round Lake, Miss.
Pierce, Harold E. Bridgeton, N. J.
Rhodes, William Sandusky, Ohio.
Roane, Malvin Johnston Washington, D. C.
Sterrette, Adolph W. Baltimore, Md.
Stratton, James E. Doylestown, Pa.
Thomas, Mary E. Washington, D. C.
Williams, Rosa Brooklyn, N. Y.

FIRST YEAR STUDENTS

Bollings, Henry Andrew Meriden, Conn.
Beverly, Majorie Washington, D. C.

Crosby, Sarah Washington, D. C.
Fields, James A. Hampton, Va.
Jackson, Willis Franklin Overton, Texas.
Lee, James S. Newport News, Va.
Mason, Rachel Picton Pittsburg, Pa.
Morgan, Embro W. New Rochelle, N. Y.
Nixon, Elbert B. Washington, D. C.
Pledge, Cleatis John Gary, Ind.
Proctor, Ruth E. Washington, D. C.
Taylor, Eugene A. Cohoes, N. Y.
Williston, Sydney Washington, D. C.

SPECIAL STUDENTS

Armstead, Abram Lovelady, Texas.
Bush, Alridge Edward Little Rock, Ark.
Cala, Epifamo Havana, Cuba.
Cuff, Ethel L. Wilmington, Del.
Dickson, Amanda Atlanta, Ga.
Doby, Lewis Magnolia, Ala.
Dyett, T. B. Montserrat, B. W. I.
Harris, Morton M. Montgomery, Ala.
Ivy, Hattie Pauline Capron, Va.
Johns, Lois Amherst, Mass.
Jones, Mishael Ashland, Cal.
Jones, Grandison F. Washington, D. C.
Lowe, Jane S. Wheeling, W. Va.
Milburn, A. R. Wilmington, Del.
Napper, Clarence Temple Harpers Ferry, Va.
Penn, Madree Omaha, Neb.
Parks, Cyril A. St. Augustine, Fla.
Peace, W. C. New Orleans, La.
Quander, Susie R. Washington, D. C.
Smith, Mayme H. Vineland, N. C.
Stipes, Lucile Chattanooga, Tenn.
Sykes, Frank J. Decatur, Ala.
Tavernier, Alford Dominica, B. W. I.
Tibbs, Walter Upper Marlboro, Md.

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REPRESENTATION BY STATES AND FOREIGN COUNTRIES

Alabama	46
Arkansas	10
Arizona	1
California	2
Colorado	8
Connecticut	7
Delaware	9
District of Columbia	338
Florida	36
Georgia	55
Illinois	17
Indiana	4
Iowa	2
Kansas	4
Kentucky	36
Louisiana	18
Maryland	85
Massachusetts	13
Michigan	1
Minnesota	2
Mississippi	24
Missouri	21
Nebraska	2
New Jersey	47
New York	47
North Carolina	81
North Dakota	1
Ohio	18
Oklahoma	4
Pennsylvania	73
Rhode Island	9
South Carolina	39
Tennessee	17
Texas	47
Virginia	182
Washington	1
West Virginia	31
Canada	7
Central America	2
India	1
Panama	3
Saint Andrew Island	2
South Africa	1
South America	12
West Indies	97
	1,463

GENERAL SUMMARY

College of Arts and Sciences	314
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Conservatory of Music	109
School of Theology	110
School of Medicine	283
School of Law	109
Academy	450
Commercial College	90
Total	1,658
Names duplicated because of students taking special courses in different departments	195
Correct Total	1,463
Correspondence students (not printed in enrollment)	57

GENERAL ALUMNI ASSOCIATION OF HOWARD UNIVERSITY

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THE WEST INDIAN ASSOCIATION

In view of the large number of students from the West Indies in the several departments of the University, an association has been formed with the following objects: First, to promote association and mutual interest among its members; Second, to render assistance to members in cases of necessity; Third, to plan for lectures, debates, etc., for the culture and entertainment of the members. The officers are as follows: President, Rev. D. E. Wiseman, D. D.; Vice-President, Rev. J. C. Van Loo, B. D.; Secretary, George M. Overton; Treasurer, Rev. A. W. C. Collier. The matrons include the President and Deans of the University.

TRAINING SCHOOL FOR NURSES

There is a Training School for nurses in connection with Freedmen's Hospital, over which the University has no jurisdiction. For information and application blanks, address Surgeon-in-Chief, Freedmen's Hospital, Washington, D. C.

FORM OF BEQUEST

I give and devise to the trustees of Howard University, Washington, D. C., the sum of.....dollars, payable.....

(Signed)

Date.....

PRELIMINARY BLANK

To be filled out by one desiring to enter any department of Howard University.

Before filling out this blank, the applicant will please read carefully "Requirements for Admission" to the several departments.

1. Date of application.....191...

2. Name

3. Age

4. Post Office address.....

5. What school did you last attend?

6. Did you graduate?.....

7. If not, what class did you finish?.....

8. In what year did your work there close?.....

9. Put a cross after the department you wish to enter in Howard University.

Academic Departments	Professional Departments
1. College of Arts and Sciences	1. Conservatory of Music
2. Teachers College	2. Library School
3. Academy	3. School of Theology
4. Commercial College	4. Medical College
5. School of Manual Arts and Applied Sciences	5. Dental College
	6. Pharmaceutical College
	7. School of Law

After filling out the blank, the applicant should send it to

THE REGISTRAR, HOWARD UNIVERSITY,
WASHINGTON, D. C.

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HOWARD UNIVERSITY

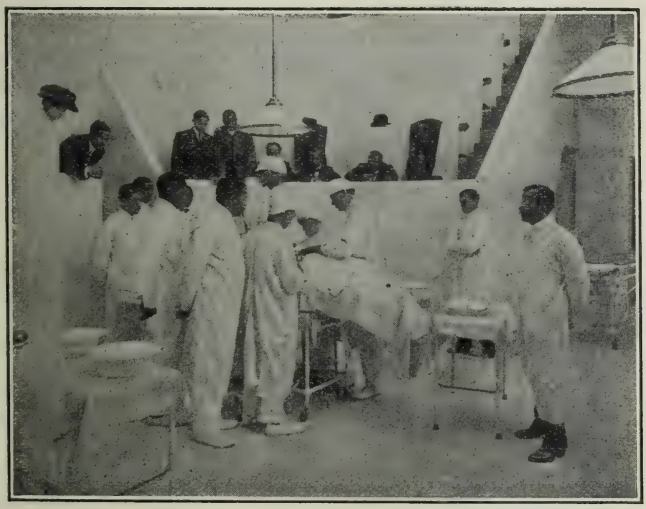
FOUNDED 1867

CATALOGUE

1914-1915



LABORATORY — SCHOOL OF MEDICINE — PHYSIOLOGY



CLINIC — AMPHITHEATRE, FREEDMEN'S HOSPITAL



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USED FOR DAILY CHAPEL, SUNDAY VESPERS AND LECTURES



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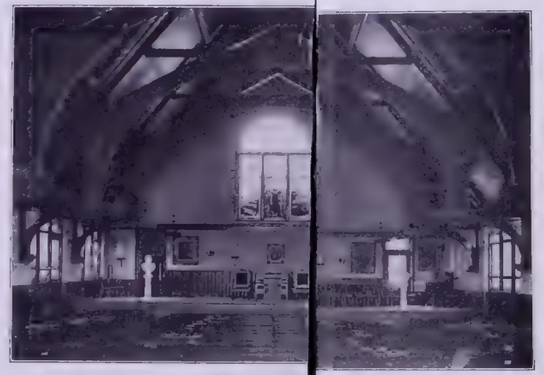
EAST SIDE OF QUADRANGLE



LABORATORY — SCHOOL OF MEDICINE. - BACTERIOLOGY



UNIVERSITY CHOIR ENTERING RANKIN MEMORIAL CHAPEL



INTERIOR OF CHA PEL



A TEACHERS' CLASS IN BASKETRY



THE HOWARD UNIVERSITY PRESS



THE MEDICAL BUILDING



Laboratory — School of Medicine - Physiology



Hall of Applied Sciences and Industrial Arts



Thirkield Science Hall



Avenue, South Border of Campus, Leading to President's House



Physics Laboratory



Clinic Amphitheatre, Freedmen's Hospital



Patternmaking Room



Chemistry Laboratory



East Front of Campus from New Freedmen's Hospital Building

CHAPEL MAIN HALL MINER HALL PRESIDENT'S HOUSE



A Corner in the Gymnasium



PHYSICS LABORATORY



A CORNER IN THE GYMNASIUM

VOL. IX MAY, 1915 NO. 3

CATALOGUE

Howard University

1914-1915

HOWARD UNIVERSITY RECORD

WASHINGTON, D. C.

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1915

JANUARY

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CALENDAR

1915

May 27, Thursday, 10 a. m...Alumni Reunion, School of Theology
3 p. m...Class Day, School of Liberal Arts and Professional Schools
8 p. m...Graduation Exercises, School of Theology
May 30, Sunday, 4 p. m.....Baccalaureate Sermon
May 31, Monday Class Day of the Normal Training Classes, the Commercial College and the Academy
8 p. m...Graduation Exercises of the Normal Training Classes, the Commercial College and the Academy
June 1, Tuesday, 3 p. m....Annual Meeting, Board of Trustees
8 p. m....Annual Recital, Conservatory of Music
June 2, Wednesday, 10 a. m..Annual Meeting, Alumni Association
1 p. m..Alumni Luncheon, Main Hall
4 p. m..COMMENCEMENT
June 3 to Sept. 21 Summer Vacation
September 21 Registration Day
September 22 First Semester opens in School of Liberal Arts, School of Manual Arts and Applied Sciences, Conservatory of Music, Commercial College, and Academy
October 1 First Semester opens in Schools of Theology, Medicine and Law
November 25 to Nov. 28, inc..Thanksgiving Recess for Academic Departments
December 24 to Jan. 2, inc...Christmas Recess

1916

January 24 to January 29 Semi-annual Examinations
January 29 First Semester ends
January 31 Second Semester begins
February 4 Semi-annual Meeting of the Board of Trustees
February 22 Washington's Birthday
March 2 Charter Day
April 21 to April 24 inc.....Easter Recess
May 29 to June 3 Final Examinations
June 7 COMMENCEMENT

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Instructor in German.

SARAH NEVELLE MERIWETHER, A. B.....1211 *S Street.*
Instructor in English and History.

HAROLD DEWOLFE HATFIELD, B. S.....1344 *Otis Street.*
Instructor in Mechanical Engineering and Woodworking.

HAROLD APPO HAYNES, B. S. IN E. E.....1917 *Eleventh Street.*
Instructor in Electrical Engineering.

ROY WILFRED TIBBS, MUS. B.....2225 Fourth Street.
Instructor in Pianoforte.

GEORGE WASHINGTON HINES, A. B.....621 *Fairmount Street.*
Instructor in Finance, Business Organization and Typewriting.

DION SCOTT BIRNEY, A. B., LL. B.....602 *Eleventh Street.*
Instructor in American Cases on Contracts.

CHARLES HARRIS WESLEY, A. M.....*Howard University.*
Instructor in the Teaching of History and Modern Languages.

CARL JAMES MURPHY, A. M.....2431 *Georgia Ave.*
Instructor in German.

CYRUS WESLEY MARSHALL, A. B.....*Howard University.*
Instructor in Mathematics.

CHARLOTTE BEATRICE LEWIS.....*Howard University.*
Instructor in Pianoforte.

WILLIAM BILLINGS.....729 *Gresham Place.*
Instructor in English and Business Correspondence.

DANIEL WEBSTER EDMONDS, PH. B.....1456 *Oak Street.*
Instructor in Latin.

MABEL MADISON JACKSON.....1834 *Ninth Street.*
Instructor in Domestic Arts.

HALLIE ELVERA QUEEN, B. S.....1335 *T Street.*
Instructor in German and French.

ANNA MINER CECIL.....2217 *Fourth Street.*
Instructor in Bookkeeping and Commercial Arithmetic.

JOSEPH HARRISON 636 *D Street, ne.*
Instructor in Violin.

GERTRUDE ELIZABETH SKELTON.....1325 *M Street.*
Instructor in Domestic Science.

JAMES HENRY NELSON WARING, JR., A. B.....414 *N Street.*
Instructor in English and Business Correspondence.

FRANK COLEMAN, B. S.....1926 *Sixth Street.*
Instructor in Physics and Chemistry.

MARY EDNA BROWN, A. M.....2464 *Sixth Street.*
Instructor in History and Physiography.

CLARENCE ALBERT HAYS, A. B.....1108 *S Street.*
Assistant in Physics.

CHRISTOPHER COLUMBUS COOKE, A. B.....21 *L Street.*
Assistant in Botany.

RALPH BURNETTE STEWART, PHAR. D., M. D.....1826 *Fourth Street*
Laboratory Assistant.

WILLIAM ALEXANDER JACK, M. D.....1918 *Biltmore Street.*
Demonstrator in Practical Surgery.

THOMAS WILLIAM EDWARDS.....1205 *Linden Street*
Demonstrator in Dental Infirmary.

CARROLL, ALANDAR BROOKS, M. D.....1321 *T Street.*
Clinical Assistant in Obstetrics.

MARTHA M. BREWER-LYON, M. S., M. D.....48 *V Street*
Clinical Assistant in Ophthalmology.

MILTON AUGUSTUS FRANCIS, M. D.....2109 *Pennsylvania Avenue*
Clinical Assistant in Surgery.

CHARLES HERBERT MARSHALL, M. D.....2710 *P Street*
Clinical Assistant in Gynecology.

EDWIN HIRAM REEDE, M. D.....1223 *New Jersey Avenue*
Clinical Assistant in Medicine.

ELIZABETH SOHON, M. D.....512 *I Street*
Clinical Assistant in Ophthalmology.

LEWIS CHARLES ECKER, M. D.....1440 *Rhode Island Avenue*
Clinical Assistant in Medicine.

HAMILTON ST. CLAIR MARTIN, M. D.....1232 *Fourteenth Street*
Clinical Assistant in Otology, Laryngology and Rhinology.

CLARENCE OSCEOLA LEWIS, A. B.....1824 *Fifteenth Street*
Assistant in Mathematics.

SPECIAL LECTURES

Dr. W. E. B. Dubois, *Editor of The Crisis, New York City.*
Lectures on Choosing a Life Career, The Work of Women, Socialism, Careers Open to College-Bred Negroes.

Professor Samuel McCune Lindsay, *Professor of Social Legislation at Columbia University.*
The Value of Social Service.

Bishop Cicero Richardson Harris, *Bishop of the M. E. Church, Salisbury, N. C.*
Japan.

David Starr Jordan, *Chancellor of Leland Stanford, Jr., University, California.*
The European War.

The Fuller Sisters, *London, England.*
Song Recital of War Ballads of the British Isles.

Mr. Charles J. Woodbury, *Oakland, California.*
Lectures on Emerson.

Lajpat Rai, *Lahore, India.*
Universal Brotherhood.

President Charles F. Thwing, *President of Adelbert College, Western Reserve University, Cleveland, Ohio.*
The Use of College Training.

President W. G. Frost, *President of Berea College,*
History and Work of Berea College.

Dr. Alan Hudson, *Brockton, Massachusetts,*
Lectures on Scott, the Aristocratic Romanticist, and From Jerusalem to Bethlehem.

Honorable Mirza Ali Kuli Khan, *Ambassador from Persia.*
Peace.

Professor Albert Bushnell Hart, *Professor of Science of Government, Harvard University.*
The Issues Involved in the Present European War.

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Assistant to the Treasurer and Head Bookkeeper,
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Clerk and Stenographer,
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Dean of Teachers College,
LEWIS BAXTER MOORE, Room 213, Main Hall.

Clerk and Stenographer,
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Director of School of Manual Arts and Applied Sciences,
Frank Harold Burton, Office, Manual Arts Building.

Director of Conservatory of Music,
Lulu Vere Childers, Howard University.

Director of Library School.
Grace Liscom Hewett, Carnegie Library.

Dean of School of Theology,
Isaac Clark, Room 306, Main Hall.

Secretary,
Sterling Nelson Brown, 2464 Sixth Street.

Dean of School of Medicine,
Edward Arthur Balloch, Medical Building,
Corner Fifth and W Streets.

Secretary,
William Clarence McNeill, Medical Building.

Dean of School of Law,
Benjamin Farnsworth Leighton, Law Building,
420 Fifth Street.

Secretary,
*James Francis Bundy, Law Building.

Dean of Academy,
Charles Sumner Syphax, Room 106, Main Hall.

Clerk and Stenographer,
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Dean of Commercial College,
George William Cook, Room 100, Main Hall.

Librarian,
Grace Liscom Hewett, Carnegie Library.

First Assistant Librarian,
Lula Allan.

Second Assistant Librarian,
Rosa Cecile Hershaw.

Librarian, School of Law Library,
William Henry Richards, Law Building.

Cataloguer,
Edith Brown, B. S.

*Deceased.

Secretary and Assistant Librarian, School of Law Library.
GEORGE FRANKLIN COLLINS, LL. B.

Assistant Librarian, Medical School,
DANIEL H. SMITH.

Proctor of Clark Hall,
GEORGE MORTON LIGHTFOOT, Rooms 48 and 49, Clark Hall.

Preceptress,
MARIE ISABELLA HARDWICK, PED. B., Miner Hall.

Assistant Preceptress,
BERTHA ADINE PITTS, A. B., Miner Hall.

Chaperone,
MRS. GERTRUDE DRISKETT HOPKINS.

Secretary, Y. M. C. A.,
JOSEPH GRANDVILLE LOGAN, PH. B., Spaulding Hall.

Housekeeper,
MRS. ELIZABETH PAGE MESSER, Miner Hall.

Secretary of Committee on Approved Rooms,
GEORGE MORTON LIGHTFOOT, Clark Hall.

Superintendent of Buildings and Grounds,
JOHN FRANCIS AKERS, Office, Clark Hall.

Engineer,
MAURICE GILL, Main Hall.

Superintendent of Janitors,
BROWN EDMONDSON MCDOWELL.

Assistant to Superintendent of Janitors,
GEORGE WINSMORE.

Gardener,
HENRY M. MENZE.

President of Athletic Association,
CHARLES HENDLEY.

Director of Glee Club,
CHARLES HARRIS WESLEY.

Director of Physical Training,
CHARLES ETHAM PORTER, Spaulding Hall.

Director of Physical Training for Young Women,
ANITA J. TURNER, 300 T Street.

UNIVERSITY COUNCIL

The President of the University

From the COLLEGE OF ARTS AND SCIENCES:

Professor Kelly Miller, Dean

Professor William Victor Tunnell

From the TEACHERS COLLEGE:

Professor Lewis Baxter Moore, Dean

Associate Professor Alonzo Hertzel Brown

From the SCHOOL OF THEOLOGY:

Professor Isaac Clark, Dean.

Professor Frank Porter Woodbury.

From the SCHOOL OF MEDICINE:

Professor Edward Arthur Balloch, Dean

Professor William Clarence McNeill.

From the SCHOOL OF LAW:

Professor Benjamin Farnsworth Leighton, Dean.

Professor Arthur Alexis Birney.

From the ACADEMY:

Professor Charles Sumner Syphax, Dean.

Cyrus Wesley Marshall, instructor.

From the COMMERCIAL COLLEGE:

Professor George William Cook, Dean

George Washington Hines, Instructor

STANDING COMMITTEES

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Dean Miller
Professor Lightfoot
Dean Moore
Associate Professor Brown
Director Burton
Professor Woodbury
Dean Syphax

LIBRARY

President Newman
Dean Miller
Dean Moore
Mr. Burton
Miss Hewett
Professor Just
Miss MacLear.

STUDENT PUBLICATIONS

Professor Houston
Professor Cook
Mr. Thomas

CATALOGUE

President Newman, Chairman
Dean Miller
Dean Moore
Dean Cook
Dean Syphax
Professor Woodbury

ATHLETIC COUNCIL

Faculty

President Newman
Dean Miller, Vice-President.
Associate Professor Davis, Chairman Games and Income
Mr. Marshall, Secretary and Director
Mr. Wesley

Alumni

Mr. Walter L. Smith, Secretary and Chairman, Expenditures
Mr. Garnet C. Wilkinson
Mr. James M. Carter

Students' Athletic Association

Mr. Charles V. Hendley
Mr. Chester Harrison Crumpler
Mr. George Edgar Hall
Mr. Lucius Horace Brown

GENERAL INFORMATION

ORGANIZATION

The charter of Howard University, dated March 2, 1867, provides for "a university for the education of youth in the liberal arts and sciences." While special provision was made for the higher education of the Negro, no race was excluded, and North American Indians, Chinese, Japanese and Europeans of several nationalities, besides American citizens, have in the past been found in the several departments, being especially attracted by the superior advantages in the professional schools.

The University has had a line of distinguished presidents during the past forty years, among whom may be named the Rev. Byron Sunderland, D. D., General O. O. Howard, LL. D., the Rev. William Weston Patton, D. D., LL. D., and the Rev. Jeremiah Eames Rankin, D. D., LL. D. The united terms of the two latter cover twenty-seven years (1876-1903) of service.

LOCATION

Howard University is in the Capital of the Nation. The campus of twenty acres comprises the highest elevation in the northwest section of the city. The Reservoir Lake borders the campus on the east. The grounds of the National Soldiers' Home furnish a park at the northeast. Immediately adjoining the campus on the south are the Freedmen's Hospital buildings, erected on a tract of eleven acres, leased by the University to the Government. Georgia Avenue, the extension of Seventh Street, one of the principal thoroughfares of the District, is at the foot of Howard Place, on the west. From the University Hill the Capitol, Congressional Library, the Washington Monument and the Potomac River are in clear view.

WASHINGTON A UNIVERSITY CITY

The museums and libraries supported by the general government of the United States, together with similar institutions belonging to the

City of Washington, present advantages unsurpassed by those of any other city in the land. The Library of Congress, with its immense and constantly increasing collection of books; the Smithsonian Institution and National Museum, with their innumerable specimens of all kinds gathered from all parts of the earth; the Bureau of Education, with its extensive library; the Bureau of Fisheries, with its aquaria; the Botanical Garden, with numerous greenhouses well stocked with living plants; the Army Medical Museum, containing extensive collections and the largest medical library in the world; the Naval Observatory, with its equipment for astronomical work—all these and many others are easily reached and may be freely visited. By authority of Congress all governmental collections, together with facilities for research and illustration, are made accessible to students of the institutions of higher learning in the District of Columbia.

The Carnegie Library and the Corcoran Art Gallery, although not belonging to the Government, are nevertheless free to all under the ordinary restrictions applying to such organizations.

Washington has been called a university in itself. To live in such an atmosphere is a liberal education to an eager, receptive mind.

BUILDINGS AND GROUNDS

THE UNIVERSITY BUILDINGS

The University buildings are all located on the main campus with the exception of the Law School building, which is on Judiciary Square. They are heated with steam and lighted by electricity. They are in charge of a superintendent of buildings and grounds and a competent engineer. Pains are taken to keep the buildings always in a sanitary condition, and the healthfulness of the campus and surroundings is well known.

THE MAIN HALL

The main building crowns the summit of the hill at a height of 185 feet above the Potomac River, and can be seen from all sections of the city. In length it is 184 feet, and it has an extreme breadth of 95 feet. It is four stories in height, with a tower from which a fine view of the city and district can be obtained. It is filled with recitation and lecture rooms, together with the offices of the Secretary and of the Treasurer.

CLARK HALL

Clark Hall, the dormitory for young men, at the north end of the campus, is four stories in height and is 170 feet long and 44 feet broad. It supplies rooms for 200 students. It was named after David Clark, Esq., of Hartford, Conn., who, early in the history of the University, contributed to its funds $25,000.

MINER HALL

Miner Hall, the dormitory for young women, is 220 feet long by 36 feet broad, and stands on the east of the University quadrangle. It is four stories in height, above a basement story which contains the dining-rooms and kitchen with an outside entrance for young men. The young ladies are under the charge of a competent preceptress. The building has a reception parlor, music and sewing rooms, and no effort is spared to give it a home-like atmosphere.

BUILDING OF MANUAL ARTS AND APPLIED SCIENCES

The Hall of Manual Arts and Applied Sciences is of brick with reinforced concrete floors, and is 100 by 40 feet, and three stories high. The basement is occupied by engineering laboratories; the second floor by the department of woodworking; and the third floor is used for lecture rooms, the domestic arts department, a drafting room and domestic science laboratory.

THE MEDICAL BUILDING

The Medical School building is a large structure of four stories and basement. It contains the lecture-rooms and the anatomic, physiologic, chemic, histologic, bacteriologic, pathologic, dental and pharmacal laboratories. It is well supplied with apparatus and materials for illustration. The laboratories are modern and thoroughly equipped. The amphitheatre accommodates several hundred. It has a fine location within a few steps of the Freedmen's Hospital.

THE MEMORIAL CHAPEL

The Rankin Memorial Chapel, which stands at the entrance to the University grounds, is built of brick and brown stone and is an example of Gothic architecture. It is largely covered with ivy, which adds to its attractiveness. The north end contains a triple stained

glass window, representing the Landing of the Pilgrims, the House at Scrooby, and the City of Leyden, Holland, in memory of Deacon S. H. Stickney, of Baltimore. At the south end is the stained glass window of Sir Galahad, erected by teachers and students in memory of the late Professor Charles Chauveau Cook. The Chapel stands as a memorial to Andrew E. Rankin, the brother of the late President Rankin, and the deceased husband of a generous donor, Mrs. H. T. Cushman, of Boston. Anniversaries, University lectures, daily chapel and vesper services are held here. A number of busts and oil paintings of distinguished friends of the University adorn the platform.

THE LAW BUILDING

The Law School building is situated on Judiciary Square, with the Court Houses and courts contiguous. Besides the offices of the school, it contains the large William M. Evarts lecture-hall, built in chapel form, two stories high, and extensive libraries of the school.

THE CARNEGIE LIBRARY

The Carnegie Library, which fronts on the campus, is over 100 feet long and 35 feet deep, not including the projection of the stack room. The design of the building is classic.

It is capable of holding from sixty to seventy thousand books. Two-thirds of these will eventually be placed in the stack, which is in four tiers, made entirely of steel and glass, with movable shelves. This portion of the building is fireproof and is cut off from the rest of the building.

On the first floor, the two reading rooms open widely off the circulating room. An open gallery runs around the second floor. On this floor are the special reading room of the School of Theology, Board room, the offices of the President of the University, and two seminar rooms. In the basement there is a good sized assembly room and a newspaper room.

The Library is designed for general reference and study in all departments; it also aims to supply the students with good reading. It is open during the term, on week days from 8:00 a. m. to 8:30 p. m.

There are in the collection 27,600 bound volumes and about 21,850 pamphlets. A beginning has been made for a collection of books by and about negroes, Dr. Moorland has contributed his valuable library

for this purpose. There is also the Lewis Tappan anti-slavery collection. The library is constantly being increased by purchases and gifts. About five thousand dollars are expended annually in purchases and administration. The reading rooms are provided with 141 of the leading periodicals.

The School of Law has a branch library at the Law Building on Fifth Street. This contains 3,200 principal text-books, legal reports, etc., and 200 pamphlets.

A branch library is established in the Medical Building for the students of that department.

THIRKIELD SCIENCE HALL

Thirkield Science Hall is a four-story fireproof structure with modern equipment for scientific departments. The walls are of brick with terra cotta and stone trimmings. The interior is of steel and re-enforced concrete.

The basement contains a large electrical engineering laboratory, storage battery room, assay room, skeleton room, private and biological laboratories, and storage rooms. The first floor is devoted entirely to biology, the second to physics. The third floor is occupied by the department of chemistry. On this floor is a large, well lighted auditorium, seating about 225 students, available for class work and scientific lectures. Over $10,000 has been spent in equipment.

SPECIAL ADVANTAGES

LITERARY AND MUSICAL

The location of the University, in the Capital of the Nation, gives students of all departments unusual opportunities for general culture and that larger outlook upon life gained through lectures, concerts and entertainments of an elevating character. On the floors of the Senate and House of Representatives, leaders in national thought and statesmanship may be heard on vital questions. Many lectures of fine order are given in the city, and more or less of them are free to all. The University furnishes, on an average, twice a month, lectures which all students may attend.

There may be heard the great orchestras from several cities and many musical celebrities. In addition to individual instruction in vocal

and instrumental music, there are various classes in which careful training is given. A vested choir of about fifty voices is maintained. There is also a Young Men's Glee Club, thoroughly drilled by an instructor of the University. The University chorus has given Mendelssohn's "Elijah," and Handel's "Messiah." A Conservatory of Music has been established, in which a full college course of music is given.

LITERARY SOCIETIES

The University maintains several literary societies and debating clubs which, through exercises, debates, oratorical contests and dramas, provide a training of great importance.

The Alpha Phi Literary Society, open to members of the colleges and professional departments, brings out the powers of quick and accurate thinking, correct expression and impromptu speaking. It holds annually a public oratorical contest, at which a gold medal is awarded.

The Kappa Sigma Debating Club is composed of students of the School of Liberal Arts. Its purpose is to foster inter-collegiate debating and to develop ready and useful speakers. The Club holds an annual debate with other institutions of the same rank.

The Pestalozzi-Froebel Society is an organization of the Teachers College. Its work, while conducted by the students themselves, is carefully supervised by the faculty, participation in its exercises being made compulsory. It gives each year one or more public literary exercises.

The Theological Literary Society discusses topics in the field of religion, sociology and practical life. Its Maynard Prize Debate is held annually.

The Eureka Society in the Academy trains its members in parliamentary practice and debating. Its Mock Congress gives opportunity for the study of present-day political questions.

The English Chautauqua is an organization composed of college women for the encouragement of the highest appreciation for speaking, reading, writing the best English.

There are also the Classical Club, Der Deutsche Verein, and the Dramatic Club.

RELIGION AND MORALS

The charter contains no religious test or limitation. The University, however, is distinctly Christian in its spirit and work. It is not denominational, and its students are drawn from all churches, including the Roman Catholic. The President conducts daily prayers in the chapel, which students are required to attend, and preaches at vespers every Sunday afternoon. Bible classes, taught by deans or professors, are maintained on Sunday morning. A general prayer service is held every Tuesday evening. The Preceptress leads every morning a devotional service for the young women rooming in Miner Hall. Students attend the churches of their choice in the city, and some of them engage actively in religious and philanthropic work in social settlement and other philanthropic organizations.

CHRISTIAN ASSOCIATIONS OF THE UNIVERSITY

The Young Men's Christian Association aims to quicken the religious spirit of the University. Joseph G. Logan, Ph. B., a graduate of the class of 1905, is general secretary of the Association. All the plans of the Association are carried out under his supervision.

The Association conducts devotional meetings, Bible study groups and lectures for the purpose of enlarging the knowledge of biblical and spiritual truths among the students.

It serves as an employment bureau for needy students. All new students should report to the Secretary as soon as possible after arrival at the University, in order that they may receive whatever assistance is necessary for their comfort and welfare. Any new student may write the Secretary of the Y. M. C. A., stating the time of his arrival and the road, and he will be met at the station by a member of the New Student Committee.

There is also the Young Women's Christian Association for the development of Christian character among its members, and the prosecution of Christion work among the young women of the institution.

HEALTH AND MEDICAL EXAMINATION

The health of students in the University is given full consideration. The elevated location and drainage of the campus are excellent. The reservoir and parks on the east and north, with their smooth boule-

yards and walks, give opportunity for healthful exercise. Sickness among the students is rare. No death from contagious disease has ever occurred here. Health, strength and symmetrical development are sought for. Occasional talks on hygiene are given.

ATHLETICS

General supervision of athletic sports is vested in the Athletic Council. This body is composed of members of the faculty, alumni and undergraduate students. It has jurisdiction over all athletic matters, as well as general oversight of the deportment and scholarship of the members of the several teams. There is a large athletic field, upon which the students engage in all outdoor exercises, such as football, baseball, cricket and field events. The track is about one-fifth mile in length, and has a 120-yard straight-away. The grandstand runs parallel to the straight-away, thus giving a good view of the start and finish of races.

Candidates for places on the various athletic teams will be required to take a physical examination and give evidence of fitness by making strength tests. Students not candidates for teams will be required to take a physical examination for the purpose of ascertaining defects which may be overcome by corrective physical training.

PRIZES

PRIZES OFFERED BY THE COUNCIL OF UPPER CLASSMEN

The following prizes are available through the Council of Upper classmen, and will be awarded annually: 1. A prize of five dollars to the student of the Freshman class of the School of Law who makes the best argument at the annual open session of the Blackstone Club. 2. A prize of five dollars to a student of the Junior or Senior class of the School of Liberal Arts for excellency in English. 3. A gold medal, worth not less than five dollars, to that student of the Senior class of the School of Law, who, by vote of the Faculty, shows the greatest proficiency in Constitutional Law.

J. EDWARD BARRY PRIZE IN PUBLIC READING

Honorable J. Edward Barry, Mayor of Cambridge, Massachusetts, offers a prize of ten dollars for excellence in Public Reading.

PRIZE IN ORATORY

A good friend in Boston, Massachusetts, offers a prize of ten dollars for excellence in Oratory.

WELFORD R. WILSON PRIZE

An annual prize of five dollars is given for excellence in Political Science. This prize is established and is maintained by Welford R. Wilson, A. B., Howard University, Class of 1910, of Mound Bayou, Mississippi.

ALPHA KAPPA ALPHA SORORITY PRIZE

The Alpha Kappa Alpha Sorority offers an annual prize of ten dollars to the young woman in the School of Liberal Arts who is graduated with the highest average scholarship, which must be not lower than cum laude grade and must cover four years of work at Howard University for the degree of A. B. or B. S.

EXPENSES

The following list of expenses includes the various items for which charge is made by the institution but it does not include such items as laundry, books and general expenses of a miscellaneous character, all of which are variable and more or less determined by the student himself. Laundry, mending and similar expenses will range from one to two dollars per month. Books, paper, and similar articles will cost six dollars per year and upward, depending on the course taken.

The dormitories are available for the students of the departments where room rent is listed below. The students of the Schools of Medicine and Law secure rooms in the city.

Table board is furnished in the University Dining Hall at $10 per month, payable monthly in advance. This amounts for the school year to about $83.00.

IN THE SCHOOL OF LIBERAL ARTS (THE COLLEGE OF ARTS AND SCIENCES AND THE TEACHERS COLLEGE), THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES, THE ACADEMY AND THE COMMERCIAL COLLEGE

All bills for the entire year are due and payable in advance.

Matriculation (paid only first year)	$ 5.00
Incidental fee	20.00
Library fee	1.00
Athletic and Physical Training fee	3.00
Laboratory fee—Chemistry	5.00
Laboratory deposit—Chemistry, for breakage	5.00
Laboratory fee—Physics	3.00
Laboratory deposit—Physics, for breakage	3.00
Laboratory fee—Physiology, Biology, Botany, Zoology, Engineering, each	2.00
Laboratory fee—Geology	1.00
Laboratory fee—Nature Study	.50
Laboratory fee—Academy Physics	1.00
Laboratory fee—Academy Chemistry	3.00
Room rent, including steam heat and light	25.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order	1.00

IN THE SCHOOL OF THEOLOGY

Matriculation (paid only first year)	$ 5.00
Room rent, inluding steam heat and light	16.00
Library fee	1.00
Athletic fee	1.00
Room deposit, to be refunded at end of school year, if room and furnishings are in proper order	1.00

Theological students pursuing courses (except elementary Greek) in the other foregoing departments are charged a proportional incidental fee, viz:—

5.00 for each year course of 4 or more hours per week.

4.00 for each year course of 3 hours per week.

IN THE SCHOOL OF MEDICINE (MEDICAL, DENTAL AND PHARMACEUTIC COLLEGES)

Fee for entrance examination	$ 5.00
Matriculation (paid only first year)	5.00
Medical College, tuition for the year	100.00
Medical College, laboratory fee	25.00
Dental College, tuition for the year	80.00
Dental College, Laboratory fee for each year	20.00
Pharmaceutical College, tuition for the year	80.00
Pharmaceutical College, Laboratory fee for each year	10.00
Library fee	1.00
Athletic fee	1.00

IN THE SCHOOL OF LAW

Matriculation (paid only first year)	$ 5.00
Tuition fee for the year	50.00
Library fee	1.00
Athletic fee	1.00

IN THE CONSERVATORY OF MUSIC

Matriculation (paid only first year)	$ 5.00
Voice—two lessons per week of 30 minutes each	5.00 per month
Voice—one lesson per week of 30 minutes each	2.50 per month
Piano—two lessons per week of 20 minutes each	5.00 per month
Piano—one lesson per week of 20 minutes each	2.50 per month
Violin—two lessons per week of 30 minutes each	5.00 per month
Violin—one lesson per week of 30 minutes each	2.50 per month
Harmony—class lessons, two per week	1.25 per month
Ear Training—class lessons, two per week	1.25 per month
Use of Piano one hour a day	1.25 per month
Use of Piano two hours a day	2.50 per month
Music Library fee	1.00 per year

The deposit for breakage of $5 in the chemical laboratory and of $3 in the physical laboratory is to be made with the Treasurer of the University before the student is admitted to the laboratory. When a student has exhausted his deposit, he is required to make another deposit to cover future breakage. At the close of the year any balance of the deposit is to be returned to him.

GRADUATION AND DIPLOMAS

Diploma for Bachelor's Degree and that of Doctor of Medicine, Pharmacy or Dentistry	$ 5.00
Graduation fee	2.00
Diploma, Teachers College	2.00
Certificates for those who have completed courses which do not entitle them to a degree	3.00

All students except those of the professional schools are required to take physical training and exercise in the gymnasium under the physical director, with the combined fee for athletics and physical training as above. Physical training with the use of the gymnasium is optional for professional students. The fee for those who take it is $2.00 for the year in addition to the athletic fee of $1.00 as above. For seniors and juniors in the School of Liberal Arts, physical training is optional.

ESTIMATED EXPENSES OF STUDENT FOR ONE YEAR IN ANY EXCEPT THE PROFESSIONAL SCHOOLS

Incidental, Athletic and Library fees	$ 24.00	to	$ 24.00
Room rent, heat and light	25.00	to	25.00
Board $10.00 per month, about 8 1-3 months	83.00	to	83.00
Laboratory fees and deposits as above in Chemistry, Physics, Biology, and Geology, when the student takes these studies	1.00	to	15.00
Entrance fee (first year only)			5.00
Laundry	10.00	to	20.00
Books	6.00	to	15.00
Total	$149.00	to	$187.00

The foregoing does not include clothes and incidental personal expenses, as these vary with the individual. The smaller amount would answer for students in the earlier years, especially in the Academy, when there are no laboratory fees and books are less expensive.

Students should have at least $80.00 on arrival at the institution. All bills are payable in advance (the first payment for board is to October 31st), and books and other incidental supplies must be purchased at the beginning of the term. Room rent and fees will not be refunded

if a student leaves or if his relation to the University is dissolved from any cause except illness, in which case a physician's certificate will be required. No student is allowed to board himself in his room, and all who room in Clark Hall or Miner Hall must take their meals in the University dining room, unless excused. The rooms in the dormitories are furnished with bedstead, mattress, chairs, tables and bookcase. All other furnishings, such as towels, sheets, blankets, pillows and pillow-cases, must be supplied by the student. This must not be forgotten, nor should the newcomer overlook the advisability of reaching the institution early in the day, so that his room may be in order for use the first night. Applications for rooms should be made early. A room reservation will not be made for an applicant unless there is advance payment of $12.50 on the room rent.

A deposit of one dollar for safe return of key, and to insure proper care of furniture, etc., is required. Room rent and board for shorter periods will be charged for at a higher rate than the prices named.

For admission to Miner Hall as a boarder a young woman must be at least sixteen-and-a-half years of age at the opening of the session.

ANY PERSONAL PROPERTY LEFT BY STUDENTS DURING TERM TIME OR VACATION IN THE CARE OF ANY OFFICER OF THE UNIVERSITY OR IN ANY OF ITS BUILDINGS OR UPON ITS GROUNDS, MUST BE SO LEFT AT THE RISK AND LIABILITY OF THE OWNERS THEREOF. THE UNIVERSITY DOES NOT HOLD ITSELF LIABLE FOR ANY PERSONAL PROPERTY BELONGING TO STUDENTS.

HOW TO ENTER

Before coming to Washington, those desiring to enter the University should invariably write to the dean or secretary of the departments they wish to enter, stating clearly what studies they have completed, and what course of study they desire to undertake. Failure to do this may work an ultimate hardship. The applicant should fill out and return the blank found on last leaf of this catalogue. The requirements for admission into Howard University are higher than in some southern institutions.

On reaching the city, students intending to enter the School of Medicine (including the Medical, Dental, and Pharmaceutic Colleges), should report at once to Dr. William C. McNeill, secretary, at the Medical Building on Fifth and W Streets; those intending to enter the School of Law, to Mr. George F. Collins, secretary, at the Law

Building, 420 Fifth Street, opposite the Court House. Those who plan to enter other departments will report at the Registrar's Office in the Main Hall on the University campus. On inquiry at the Information Booth at the New Union Station, the student will be properly directed by the official in charge. From the Union Station the campus is most conveniently reached by taking any car going west on the Washington Railway and Electric Line and transferring at Ninth Street to a northbound Takoma Park, Forest Glen, District Line, Brightwood or Soldiers' Home Car.

AIDS TO SELF-SUPPORT

Aid in the form of work in the institution is given to worthy students who need it, so far as funds allow. The boarding houses and hotels about the city offer opportunities for many young men to earn their board and often funds besides. An employment bureau is maintained at the office of the secretary of the Y. M. C. A. to assist students in finding places to work.

EXTRACT FROM MINUTES OF THE BOARD OF TRUSTEES OF HOWARD UNIVERSITY, FEBRUARY 6, 1913.

"*Resolved,* that each faculty of Howard University, other than the medical faculty, shall be composed of its dean, professors, associate professors, and assistant professors, together with such instructors as are appointed for a term longer than one year, all of whom are to teach in the department under the charge of the faculty. Instructors and assistants who are appointed for one year to give instruction in a particular department may attend the meetings and take part in the deliberations of its faculty but shall not vote. The President of the University shall be a member of each faculty."

Howard University is a member of the Association of Colleges for Negro Youth.

SCHOOL OF LIBERAL ARTS

COMPRISING

THE COLLEGE OF ARTS AND SCIENCES

AND

THE TEACHERS COLLEGE

Each of the above colleges is administered by its own faculty. The two colleges have the same requirements for admission.

Beginning with the entrance class of 1914, the College of Arts and Sciences will offer the purely academic degrees: "Bachelor of Arts" and "Bachelor of Science;" the Teachers College will offer the degrees "Bachelor of Arts in Education" and "Bachelor of Science in Education."

No student will be allowed to enter a course during the first semester later than the fifteenth of October, nor during the second semester later than the tenth of February.

REQUIREMENTS FOR ADMISSION

Certificates of moral character and letters of honorable dismissal from the school last attended are required of all applicants. Graduates from the Academy of Howard University are admitted on certificate. Graduates from other accredited secondary schools having four-year courses will be admitted without examination, except that all such applicants may be examined in English. Applicants from secondary schools must present a transcript of their scholastic record during their four years' course.

Entrance examinations, when required, will be held during the two days preceding Registration Day. (See Page 3.)

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

This statement is designed to afford a standard of measurement for the work done in secondary schools. It takes the four-year high-school course as a basis and assumes that the length of the school year is from 36 to 40 weeks, that a period is from 40 to 60 minutes in length, and that the study is pursued for four or five periods a week; but, under ordinary circumstances, a satisfactory year's work in any sub-

ject can not be accomplished in less than one hundred and twenty 60-minute hours or their equivalent. Schools organized on a different basis can nevertheless estimate their work in terms of this unit.

Applicants for admission to the Freshman class *without condition* must present fifteen units. Applicants who present thirteen units may be admitted *conditioned* in two units. One unit of such deficiency must be made up before the beginning of the Sophomore year. All entrance conditions must be removed by the beginning of the Junior year.*

Single half units will be acepted only in the Sciences and in Civics. Less than two units in Latin will not be accepted in fulfillment of entrance requirements. A single unit in Greek will be accepted only on condition that the applicant continue that study.

PART COURSE STUDENTS

Candidates who meet all of the requirements for admission, but who do not wish to work for a degree, may be permitted to take selected studies. Such students shall be designated as "Part Course Students." Candidates for a degree, who, for special reasons, may be allowed to carry less than four courses, shall be listed in the catalogue as part course students until they shall have completed at least eighteen units.

LIST OF ENTRANCE UNITS

One unit in a subject not contained in this list may be allowed credit at the discretion of the Faculty, but no subject will be counted that has been pursued in the grades below the High School.

The requisite entrance units must be chosen from one of the following groups:

GROUP I.	GROUP II.	GROUP III.
English 3	*English* 3	*English* 3
Mathematics 2	*Mathematics* 2	*Mathematics* ..2½
Latin 4	*Latin* 4	*Latin* 2
Greek 2	French } 1 or 2	History 2
History 1	German }	German..... } 1
Electives 3	History 2	French..... }
	Electives...3 or 2	Science 2
		Electives 2½
15	15	15

*Entrance conditions, when practicable, may be made up by pursuing work in the Academy, or under tutors authorized by the Faculty.

Subjects in italics are required.

ELECTIVES.—Botany, Civics, Chemistry, Commercial Geography, History, Physical Geography, Physics, Zoology.

DESCRIPTION OF ADMISSION UNITS

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written: (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second subject is sought by means of two lists of books, headed respectively, Reading and Study, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(*a*) READING.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1913, 1914, 1915:

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by a semicolon.

I. The Old Testament, comprising at least the chief narrative episodes in *Genesis, Exodus, Joshua, Judges, Samuel, Kings,* and *Daniel,* together with the books of *Ruth* and *Esther;* the *Odyssey,* with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad,* with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid,* The *Odyssey, Iliad,* and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice; Midsummer Night's Dream; As You Like It; Twelfth Night; Henry the Fifth; Julius Caesar.*

III. Defoe's *Robinson Crusoe,* Part I; Goldsmith's *Vicar of Wakefield;* either Scott's *Ivanhoe* or Scott's *Quentin Durward;* Hawthorne's *House of Seven Gables;* either Dickens' *David Copperfield* or Dickens' *Tale of Two Cities;* Thackeray's *Henry Esmond;* Mrs. Gaskell's *Cranford;* George Eliot's *Silas Marner;* Stevenson's *Treasure Island.*

IV. Bunyan's *Pilgrim's Progress,* Part I; the *Sir Roger de Coverley Papers* in the Spectator; Franklin's *Autobiography* (condensed); Irving's *Sketch Book;* Macaulay's Essays on Lord Clive and Warren Hastings; Thackeray's *English Humorists;* Selections from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail;* either Thoreau's *Walden* or Huxley's *Autobiography* and selections from Lay Sermons, including the addresses on *Improving Natural Knowledge, A Liberal Education,* and *A Piece of Chalk;* Stevenson's *Inland Voyage and Travels with a Donkey.*

V. Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village;* Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal;* Scott's *Lady of the Lake;* Byron's *Child Harolde, Canto IV, and Prisoner of Chillon;* Palgrave's *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley; Poe's *Raven,* Longfellow's *Courtship of Miles Standish,* and Whittier's *Snow Bound;* Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab* and *Rustum;* Tennyson's *Gareth and Lynette, Lancelot and Elaine,* and the *Passing of Arthur;* Browning's *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa-Down in the City.*

(*b*) STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon content, form, and style.

For students entering in 1913, 1914, 1915:

Shakespeare's *Macbeth;* Milton's *L'Allegro, Il Penseroso,* and *Comus;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration;* Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns.*

MATHEMATICS

Algebra through Quadratic Equations, one unit (required of all applicants).

Plane Geometry, one unit (required of all applicants).

Solid Geometry, including Spherical Geometry, will constitute a half unit.

Plane Trigonometry, covering the scope of Wentworth's Plane Trigonometry, will constitute a half unit.

Advanced Algebra pursued in secondary schools will not ordinarily be accepted.

GREEK

(a) Greek Lessons and Grammar (one unit).

(b) Four books of Xenophon's *Anabasis,* with Prose Composition, and three books of Homer's *Iliad* (one unit).

LATIN

Two units of Latin include:

(a) Latin Lessons and Grammar.

(b) Four books of Cæsar, or equivalent, with Prose Composition, based on text.

Four units include, in addition to (a) and (b):

(c) Six orations of Cicero, including the *Manilian Law,* with Prose Composition continued (one unit), and

(d) Six books of Vergil's *Æneid,* or equivalent (one unit).

GERMAN

One unit of German requires a full year's work, and should include, besides the mastery of some such grammar as Joynes-Meissner, the reading of about 200 pages of simple narrative prose. Two units include, in addition, a thorough study of German Syntax and the reading of about 400 pages of literature in the form of essays, stories, plays and poems.

FRENCH

One unit of French includes the methodical study of French Grammar and about 200 pages of reading, as found in the ordinary textbook. Two units include, in addition, 400 pages of reading matter, usually found in second-year texts.

HISTORY

General History, the equivalent of Myer's or Sheldon's (one unit); Grecian and Roman History, the equivalent of Myer's *History of Greece* and Leighton's *History of Rome* (one unit); English History the equivalent of Gardiner's *Student's History of England* (one unit); United States History, the equivalent of Channing's *Student's History of the United States* (one unit); Civics, the equivalent of Fisk's *Civil Government,* or of Andrew's *Manual of the Constitution* or Macy's *Our Government* (one-half unit).

ELEMENTARY PHYSICS

A unit of Physics includes the amount of work indicated by such texts as Avery's, Gage's, or Carhart and Chute's, with laboratory note book.

ELEMENTARY CHEMISTRY

A unit of Chemistry includes General Inorganic Chemistry, as outlined in such texts as Remsen's, Williams' or Shepard's, with laboratory note book.

BIOLOGY

A unit of Biology includes the study of either Botany or Zoology for at least one year, the equivalent of Bergen's *Foundations of Botany* or Linville and Kelly's *Zoology*.

A satisfactory laboratory note book must be presented. Half units in each subject will be accepted.

PHYSICAL GEOGRAPHY OR COMMERCIAL GEOGRAPHY

Credit is allowed to the extent of one-half unit or of one unit, according to the amount of work done.

COLLEGE OF ARTS AND SCIENCES

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President.

KELLY MILLER, A. M., LL. D.,
Professor of Mathematics, Dean.

LEWIS BAXTER MOORE, A. M., Ph. D.,
Professor of Philosophy.

GEORGE OBADIAH LITTLE, A. M., D. D.,
Professor of Greek.

GEORGE MORTON LIGHTFOOT, A. B.,
Professor of Latin.

WILLIAM VICTOR TUNNELL, A. M., S. T. B., LL. B.,
Professor of History.

GEORGE WILLIAM COOK, A. M., LL. M.,
Professor of Commercial Law and International Law.

EDWARD LAMAY PARKS, A. M., D. D.,
Professor of Economics and Political Science.

RICHARD EDWIN SCHUH, A. M., Ph. D.,
Professor of Biology and Geology.

HERBERT CLAY SCURLOCK, A. M., M. D.,
Professor of Chemistry.

GORDON DAVID HOUSTON, A. B.,
Professor of English.

ERNEST EVERETT JUST, A. B.,
Professor of Zoology.

WILLIAM COLEMAN, A. M.,
Professor of Physics.

WILLIAM JOHN BAUDUIT, S. M.,
Associate Professor of Mathematics.

EDWARD PORTER DAVIS, A. M.,
Associate Professor of Greek.

ALAIN LEROY LOCKE, A. B., Litt. B.,
Assistant Professor in Logic and Ethics.

MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.

NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Assistant Professor of Chemistry.

ELIZABETH APPO COOK,
Instructor in French and Spanish.

ERNEST JONES MARSHALL, A. B.,
Instructor in Chemistry.

ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.

JAMES SIMPSON THOMAS, A B.,
Instructor in German.

CARL JAMES MURPHY, A. M.,
Instructor in German.

WILLIAM RAYMOND MOODY, A. B.,
Instructor in English.

CHRISTOPHER COLUMBUS COOKE, A. B.,
Assistant in Botany.

CLARENCE ALBERT HAYS, A. B.,
Assistant in Physics.

CLARENCE OSCEOLA LEWIS, A. B.,
Assistant in Mathematics.

GENERAL STATEMENT.

The College of Arts and Sciences is the department of the University devoted to the pursuit of liberal studies. Its aim is to inculcate sound principles of knowledge, to awaken enthusiasm for truth and duty and to emphasize the importance of systematic, exact, long-continued and thorough preparation on the part of those who would assume the larger duties and responsibilities of life. There is an unsupplied demand for men of sound and thorough college training in the ministry, in medicine, in law, in teaching, and in the varied pursuits and callings.

The teaching staff of the College of Arts and Sciences comprises 27 professors, instructors and assistants whose time is devoted wholly or in part to work under its control. These furnish instruction not merely for the students registered in the College of Arts and Sciences but also for the students of the Teachers College, the engineering students of the School of Manual Arts and Applied Sciences, and of the professional schools, in so far as their work is of academic character.

REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF ARTS AND SCIENCES

See "Requirements for Admission" School of Liberal Arts, page 34. All correspondence should be addressed to the Dean of the College of Arts and Sciences.

By a unit of College Work, or hour-unit, is meant one hour a week for one semester. Two laboratory units count as one unit of recitation. Recitations in all subjects, except preliminary Latin, occur three times a week.

THE GROUP SYSTEM

The curriculum is divided into two groups.

1. The Arts Group, based on classical languages, leading to the Degree of Bachelor of Arts.

2. The Science Group, based on the sciences, leading to the Degree of Bachelor of Science.

Both groups contemplate the same number of units and involve work of the same order of difficulty, thoroughness and range. The Science Group is adapted to meet the requirements of those looking forward

to the study of Medicine, Engineering, Agriculture, Science Teaching or special scientific pursuits.

Freshmen and Sophomores, desiring to do so, may take the double courses in mathematics (six times a week), so as to work off their preliminary mathematics for use in Physics, Chemistry and Engineering.

COMBINATION COURSES.

Students of the College of Arts and Sciences, desiring to enter upon professional studies before graduation, who have completed not less than 99 units, including 9 units of chapel attendance, may take the studies of the first year in the School of Medicine, Law or Theology of Howard University, provided they can satisfy the stated requirements for admission thereto, and may receive the degree of A. B., or B. S., upon the satisfactory completion of one year's work in such professional school. The student will thus be enabled to shorten the two degrees by one year.

PRE-MEDICAL COURSE

Beginning with 1914, the Medical College of Howard University will require of all matriculants two years of College work in Physics, Chemistry, Biology and modern language besides English. The Science group of the Freshman and Sophomore years is adapted to meet the requirements of students looking forward to the study of Medicine, either in Howard University or in any Medical School approved by the American Medical Association.

All such students will be listed in the College of Arts and Sciences and subject to its regulations and discipline. Students enrolled in the School of Medicine, but conditioned in any of the preliminary subjects, may remove such conditions by attendance and work in regular courses of instruction in the College of Arts and Sciences.

COURSES PRELIMINARY TO THE STUDY OF LAW AND THEOLOGY

The requirements for admission to the School of Law contemplate the completion of a four years' high school course. Students anticipating the study of law, or theology as well as those already registered in the Schools, who may feel the need of still further strengthening their preliminary foundation may pursue courses in

English History, American History, Latin, Greek, French, Argumentation, Political Science, Economics, Psychology, International Law, Commercial Law, Logic, Ethics, Sociology and Philosophy, in the regularly organized classes of the College of Arts and Sciences.

PRELIMINARY COURSES IN GREEK AND LATIN

Preliminary courses are offered in Greek and in Latin. The course in Greek is intended for those who offer no Greek at all for admission. This course covers two years, three hours a week, and counts six college units. The course in Latin comes four times a week and is adapted to the proficiency of those who have presented only 2 units at entrance; except in the making up of *entrance* conditions, this course will count three units. The course in Latin will in *one* year cover the amount of *two* years of secondary work.

GRADUATION AND DEGREES

1. Requirements for graduation shall consist of one hundred and thirty-two (132) semester hours, not less than one hundred and twenty (120) of which shall be due to successful class room work; and not more than twelve (12) to chapel attendance.

Students completing the classical group will receive the degree of Bachelor of Arts. Those completing the Science group will receive the degree of Bachelor of Science.

Students who maintain throughout the four years' course an average standing of 95, are graduated *"Summa Cum Laude";* those who maintain a standing of 90 are graduated *"Magna Cum Laude";* those who maintain a standing of 80 are graduated *"Cum Laude."*

GRADUATE WORK

Graduates of this or other colleges who may desire to pursue any of the courses in the curriculum of the College of Arts and Sciences will be welcome to do so without expectation of a second degree.

SCHEDULE OF COURSES OF STUDY

Freshman Year

ARTS GROUP

Leading to A. B.

English	3	Required 9 hours
Mathematics	3	
Latin or Greek	3	
Greek	3	Optional 3 hours
Latin	3	
French	3	
German	3	
Botany	3	Optional 3 hours
*Zoology	3	
Physics	3	
Chemistry	3	
History	3	15 hours

SCIENCE GROUP

Leading to B. S.

English	3	Required 9 hours
Mathematics	3	
French or German	3	
*Zoology	3	
Botany	3	Optional 6 hours
Physics	3	
Chemistry	3	
Mathematics or History	3	15 hours

Note—One science chosen in the Freshman year must be continued through the Sophomore year. For this purpose, mathematics may be regarded as a science.

* Open only to premedical students.

Sophomore Year

ARTS GROUP

Leading to A. B.

Latin	3	Optional 3 hours
Greek	3	
English Composition	3	Optional* 6 hours
French	3	
German	3	
Latin or Greek	3	
English Literature	3	
Zoology	3	Optional 6 hours
Botany	3	
Physics	3	
Chemistry	3	
Mathematics	3	15 hours
History	3	
Public Speaking	3	

SCIENCE GROUP

Leading to B. S.

Botany	3	Optional 6 hours
Zoology	3	
Physics	3	
Chemistry	3	
Mathematics	3	Optional 6 hours
English Composition	3	
French	3	
German	3	
English Literature	3	
History	3	Optional 3 hours
Mathematics	3	
Public Speaking	3	15 hours

Junior Year

Arts Group

Leading to A. B.

Psychology	3	Optional 3 hours
Economics	3	
Astronomy	3	
Geology	3	
French	3	Optional 3 hours
German	3	
Latin	3	
Greek	3	
English Literature	3	Optional 3 hours
Economics	3	
History	3	
Astronomy	3	Elective 6 hours
Argumentation	3	
English Literature	3	
Economics	3	
History	3	
History of Education	3	
Commercial Law*—International Law*	3	
Commercial Geography*	1½	
Logic*—Ethics*	3	
Psychology	3	
Geology	3	
Physics	3	
Chemistry	3	
Biology	3	
Latin	3	
Greek	3	
French	3	
German	3	
Spanish	3	
Public Speaking	3	

15 hours

SCIENCE GROUP

Leading to B. S.

Psychology	3	
Economics	3	
Astronomy	3	Optional 3 hours
Geology	3	
French	3	
German	3	Optional 3 hours
Chemistry	3	
Biology	3	Optional 3 hours
Physics	3	
Astronomy	3	
Argumentation	3	
English Literature	3	
Economics	3	
History	3	
History of Education	3	
Commercial Law*—International Law*	3	
Commercial Geography*	1½	
Logic*—Ethics*	3	Elective 6 hours
Psychology	3	15 hours
Geology	3	—
Physics	3	
Chemistry	3	
Biology	3	
French	3	
German	3	
Spanish	3	
Public Speaking	3	

SENIOR YEAR

ARTS GROUP

Leading to A. B.

Philosophy	3	
Political Science	3	Optional ..0 or 3 hours
Sociology	3	

*Half year course.

Philosophy	3	Elective 15 or 12 hours
Political Science	3	—
Sociology	3	15 hours
Junior Electives		
Professional School	15	

SCIENCE GROUP

Leading to B. S.

Biology	3	Optional 0 or 3 hours
Physics	3	
Chemistry	3	
Philosophy	3	Elective 15 or 12 hours
Political Science	3	—
Sociology	3	15 hours
Junior Electives		
Professional School	15	

DESCRIPTION OF COURSES

A course in any subject ordinarily contemplates the pursuit of that subject for one year, recitations occurring three times a week. The year course is understood unless otherwise designated.* Where courses extend throughout the four years, the numbers (I, II, III, IV) are understood to correspond to the Freshman, Sophomore, Junior, and Senior years, respectively.

All Freshman courses are designated (I) and all Sophomore courses (II). Where there are more than four courses in any one subject, they are not necessarily consecutive or dependent. Two half-year courses are usually so adjusted that the student need not change his schedule during the year. The student may, with approval of the Committee on Electives, choose preceding courses, but will not ordinarily be allowed to anticipate courses.

DEPARTMENTS

The work of the College of Arts and Sciences is divided into several departments or branches of study.

I. Department of English.
II. Department of Mathematics.
III. Department of Greek.
IV. Department of Latin.
V. Department of History.
VI. Department of French.
VII. Department of Spanish.
VIII. Department of German.
IX. Department of Physics.
X. Department of Chemistry.
XI. Department of Biology and Geology.
XII. Department of Economics and Political Science.
XIII. Department of Sociology.
XIV. Department of International Law.
XV. Department of Philosophy and Psychology.

DEPARTMENT OF ENGLISH.

Instructors

Professor Houston, Assistant Professor Gregory,

Mr. Pollard and Mr. Moody.

The aim of the Department of English is three-fold: first, to teach the student to give adequate written and oral expression to his thoughts; second, to develop the student's culture and broaden his outlook; third, to train the student to stand before an audience and give utterance to his thoughts. A study of literature, therefore, forms an essential part of all the courses in Composition and Public Speaking, and practice in composition forms an essential part of all the courses in Literature and Public Speaking.

English I.— *Composition.*—This course is prescribed for all Freshmen. It is designed to give a drill in the use of correct and intelligible English and practice in the different forms of discourse. One-

page themes, first on a limited range of subjects and later on a much wider range, are brought in on every day the class meets. In addition to such written work, longer themes of at least three pages, affording practice in the different forms of discourse, are required fortnightly. These longer themes are returned in conference, at which time individual instruction is given. Prescribed books of widely different range are read outside the class. The texts: Hill's *"Principles of Rhetoric,"* Pearson's *"Principles of Composition,"* and Webster's *"Secondary School Dictionary."* Professor Houston, Asst. Professor Gregory, Mr. Pollard, and Mr. Moody.

English II. (*Advanced Composition.*)—This course is open to all students who have passed in English I. It includes the theory of composition, examination of representative styles, and practice in writing English. One long theme of at least three pages is required monthly. Shorter themes and reports are required at the pleasure of the instructor. Conferences are held monthly. Texts:

Canby's *"English Composition in Theory and Practice,"* Nutter-Hersey-Greenough's *"Specimens of Prose Composition,"* Grabo's *"The Art of the Short Story,"* and Webster's *"Secondary School Dictionary."* Professor Houston, Mr. Pollard and Mr. Moody.

English III. (*Argumentation and Debating.*) This course is open to students who have passed in any two courses in English. It is designed to train the student in logical and systematic methods of thought. It emphasizes the framing of propositions, study of evidence, generalization and analysis, methods of refutation, and construction of briefs. Practice is given in debating. At least one long written exercise is required monthly. Conferences are held monthly. Text: Baker and Huntington's *"Principles of Argumentation."* Assistant Professor Gregory.

LITERATURE

Literature I. (*English Literature.*)—This course is open to all students who have passed in English I. It covers the history and development of English Literature in outline from the earliest times to the present day. Stress is laid on masterpieces of prose and poetry; and outside readings are so arranged as to accompany the class-room work. The same long theme assigned monthly in English II is assigned in this course. Conferences are held monthly. This course

and English II may be taken, with much profit, the same year. Texts: Moody and Lovett's *"History of English Literature," "Century Readings in English Literature."* Professor Houston.

LITERATURE II. (*American Literature and the Novel.*)—(Two distinct semester courses)—This course is open to all students who have passed in English I. The history of American Literature is traced from the earliest times to the present day. A study is made of both the prose and poetry. The history of the novel is traced from the Arthurian romance to the present day. Long themes are required. Conferences are held monthly. Text: Wendell and Greenough's *"American Literature,"* Page's *"The Chief American Poets,"* Cross' *"Development of the English Novel."* Assistant Professor Gregory.

LITERATURE III. (*The Elizabethan Drama.*)—This course is open to Seniors and Juniors who have passed in Literature I or Literature II. It deals with the development of the English Drama from the Miracle and Mystery Plays to the closing of the theatres. An extensive and critical study is made of Shakespeare's plays. A long theme requiring considerable research work is passed in once a month. Conferences are held monthly. Texts: Boas's *"Shakespeare and His Predecessors;"* Woodbridge's *"The Drama; Its Law and Technique,"* and Neilson's *"The Chief Elizabethan Dramatists."* Professor Houston.

PUBLIC SPEAKING—This course is open only to Seniors and Juniors. It is designed to train the student's voice and to give him practice in Public Speaking. Some practice is given in public reading, but the course deals chiefly with the delivery of original speeches, both prepared and extemporaneous. Texts: Baker's *"The Forms of Public Address"* and Winter's *"Public Speaking, Principles and Practice,"* Assistant Professor Gregory.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

Instructors

PROFESSOR MILLER, ASSOCIATE PROFESSOR BAUDUIT, AND MR. LEWIS.

The Department of Mathematics aims to provide a thorough training in the fundamental principles of the courses usually comprised in undergraduate mathematics. Its primary purpose is to develop in the student the ability to think mathematically and thus to appreciate the spirit, power, and beauty of mathematical processes.

The work in the Department is arranged to meet the needs of two classes of students, those who intend to do their major work in the applied sciences, and those who do not. The difference in the respective courses offered, however, is one of intensiveness rather than of content or method of presentation, the chief object in view being to equip the science student as early as possible with the mathematical knowledge necessary to his work. To this end six hours a week are required during the first two years. Engineering students must take this work, but it is open also to all students. The requirements as to rigor of treatment, facility in application, and general mathematical discipline are the same in all courses offered by the Department.

Because of its recognized disciplinary and utilitarian value, mathematics is required of all regular students of the University during the Freshman year. The first semester of this year is devoted to plane trigonometry; the second, to solid geometry and spherical trigonometry. All other courses in mathematics are elective. Great importance attaches to this elective work as a means either of liberal culture or specific training. Especially should students who desire to acquire more than the mere elements of engineering, astronomy, or any of the other applied sciences, make it a point to take the courses in the calculus, including differential equations, for such knowledge is fundamental in the modern treatment of the quantitative sciences.

I. (a) Solid Geometry, Books VI, VII, and VIII, of Wentworth's *"New Plane* and *Solid Geometry."* Special emphasis is laid upon original propositions and practical numerical problems.

Associate Professor Bauduit and Mr. Lewis.

(b) Plane Trigonometry. The trigonometric functions, trigonometrical analysis, solution of the right and oblique triangle, etc., with numerous problems.

Associate Professor Bauduit and Mr. Lewis.

(c) Spherical Trigonometry. Solution of the right and oblique spherical triangle, with applications to geography and astronomy.

Associate Professor Bauduit and Mr. Lewis.

II. (a) Advanced Algebra. Arithmetical progression, geometrical progression, binominal theorem, choice, chance, logarithmic series, theory of equations, etc.

ASSOCIATE PROFESSOR BAUDUIT.

(b) Analytical Geometry. The straight line, circle, parabola, ellipse, hyperbola, higher plane curves, and geometry of three dimensions.

ASSOCIATE PROFESSOR BAUDUIT.

III. (a) Differential Calculus. Methods of differentiation, expansion of functions into series, indeterminate forms, application to mechanics.

PROFESSOR MILLER.

(b) Integral Calculus. Fundamental formulas of integration, lengths of curves, areas, volumes, moments of inertia, etc.

PROFESSOR MILLER.

NOTE.—(a) and (b) are double courses, meeting six times a week.

IV. (a) Differential Equations. An introductory study of ordinary differential equations, emphasizing geometrical interpretations and applications to geometry, physics, and mechanics.

This course will include lectures on complex numbers and hyperbolic functions.

ASSOCIATE PROFESSOR BAUDUIT.

(b) Synoptic Course. A brief survey of the subject-matter of the preceding courses, emphasizing the interdependence of the various parts and elaborating the work in solid analytics, determinants, limits, and infinite series.

ASSOCIATE PROFESSOR BAUDUIT.

NOTE.—(a) and (b) will be given in alternate years.

V. Astronomy—Descriptive and Mathematical—Based on Newcomb's *"Astronomy"* and Young's *"General Astronomy."*

PROFESSOR MILLER.

DEPARTMENT OF GREEK.

Instructors

PROFESSOR LITTLE AND ASSOCIATE PROFESSOR DAVIS

A. Elementary Greek and Xenophon: First semester: Elementary Greek. Second semester: Elementary Greek concluded, and Book I of Xenophon's *"Anabasis."*

ASSOCIATE PROFESSOR DAVIS.

B. Xenophon and Homer: *Anabasis* II, III, and IV, and from four to six books of Homer's *"Iliad"* will be read.

ASSOCIATE PROFESSOR DAVIS.

The regular Course for Freshman who enter with two units in Greek:

I. Boise and Freeman's *"Selections from Greek Authors," "Herodotus," "Thucydides,"* Xenophon's *"Memorabilia,"* Plato's *"Phaedo,"* Demosthenes' *"Third Olynthia."*

These authors as well as the events of which they write are arranged in chronological order, but this is not necessarily followed in the class. It is customary to begin with Xenophon's Memorabilia—then turn back to the new Ionic of Herodotus with selections from Book VIII.—The battle of Salamis, then take up Plato with "Selections from Phaedo." The last day in the life of Socrates, and close with Demosthenes, the later Attic. The third *Olynthiac* II and III.

II. The work during the first semester is based upon Plato's *"Apology"* and *"Crito,"* and includes the study of the leading principles of Plato's doctrine set in close connection with Plato himself as he is presented in his writings.

In the second semester Demosthenes' *"De Corona"* is read, with a comparative study of his other orations. Readings from the New Testament.

III. Sophocles, *"Antigone"*: The reading of this tragedy requires the careful study of the logaoedic rhythm employed in the lyric parts, and the anapestic systems interposed between the strophes and antistrophes; also familiarity with all the peculiarities of the Attic Classical Drama. Readings from the New Testament.

DEPARTMENT OF LATIN

Instructor

PROFESSOR LIGHTFOOT

A. Cicero. Virgil: First Semester: Four to six orations of Cicero. Second Semester: Four to six books of Virgil. Course A is preliminary and is open to students who have entered college with only two years of preparation in Latin. It counts as three college units except in the case of those who are conditioned in entrance Latin. Four times a week.

I. Cicero, Livy and Latin Prose Composition: The aim of this course is three-fold: (1) To develop in the student the power to read Latin, (2) to promote his appreciation of Latin Literature, and (3) to study the development of the Subordinate Clause in Latin. To this end two hours a week during the first semester will be devoted to the rapid reading of Cicero's *"De Senectute"* and *"De Amicitia,"* and one hour a week to the study of the Subordinate Clause based upon Part I of Gildersleeve and Lodge's *"Latin Prose Composition."* During the second semester the study of Roman prose style will be continued by reading Burton's *"Selections from Livy."* Lectures will be based upon selections from Horace's *"Odes," "Epodes," "Satires"* and members of the class will be required to prepare papers on the Latin Subordinate Clause as well as upon some topic in Roman history suggested by the selections from Livy. (Freshman Course.)

II. Horace and Tacitus: The work during the first semester will be based upon selections from Horace's *"Odes," "Epodes," "Satires"* and *"Epistles,"* and will include in connection with the Odes a careful study of the principal meters as well as frequent references to the influence of Horace upon English Literature. In connection with the Satires, the students will be required to present papers on the origin and development of Roman Satire. The work in Tacitus during the second semester will consist in reading the *"Germania"* and *"Agricola"* and the study of the Imperial period of Roman history.

(Junior and Sophomore elective course open only to those who have taken Latin I.)

III. Plautus, Terence, Pliny, Tacitus: Roman Comedy will be studied during the first semester. The class will read the *"Captivi"*

and *"Trinummus"* of Plautus and the *"Adelphoe"* or *"Phormio"* of Terence. Papers will be required on the origin and development of Roman Comedy and the influence of Plautus and Terence upon the modern drama. Several lectures will be given in connection with this course. In the second semester selections will be read from the more important *"Letters"* of Pliny. There will also be sight reading from the *"Annals"* of Tacitus, books XI-XVI, as well as a brief study of Latin Inscriptions based upon Egbert's *"Inscriptions"* and Allen's *"Remnants of Early Latin."*

(Open to Juniors and Sophomores who have taken Latin I.)

Note.—This course alternates with Latin II.

IV. Juvenal, Vergil: Selections from Juvenal's *Satires* will be read during the first semester together with a study of Roman customs. During the second semester the time will be devoted to the reading and study of those portions of Vergil not ordinarily read in secondary schools. *"Aeneid, Books VII-XII,"* the *"Eclogues"* and the *"Georgics":* A somewhat detailed study will be made of the manuscripts of Vergil, the "Aeneas Legend," the influences of Vergil in the Middle Ages and upon modern literature. Intended as a culture course and for those who expect to become teachers of Latin in secondary schools. (Open only to those who have taken Latin I and II.)

DEPARTMENT OF HISTORY

Instructor

Professor Tunnell

I. History of Western Europe: This course traces the history of Europe from the downfall of the Roman Empire to our own day. Starting with the discussion of the heritage of Rome and the migration of the races, the epochs of mediæval and modern Europe are passed in review and the salient facts and features emphasized. Selection is made of the eminent political, social, juristic, ecclesiastic, humanistic and other germinal forces and movements which explain modern Europe and give the key to the comprehension of present European states and politics.

II. English History: The aim of this course is to concentrate attention upon the growth of Anglo-Saxon institutions and to trace the

varied phases and influence of English civilization. The various invasions are shown in their effects upon the fusion of the races, the blending of the tongues and in the modifications of the life, customs, laws and characteristics of the people. Emphasis is placed on the rise of parliamentary government, the struggles against despotism, the winning of the great charters, the growing power of the people, the extension of the Empire and the development and diffusion of the principles of constitutional government, social growth, industrial progress, the advancement of science, education, art, religion and the whole cycle of influences of which English civilization is the symbol.

III. American History: A comprehensive survey of the great germinal facts and forces of American institutions and the principles and motives that underlie and interpret the crises of our national life. Special emphasis is placed upon documents with other authoritative sources and materials.

In all these courses each student is required to make special study of some assigned epoch or movement and present a thesis to be read in class. (Open to Seniors and those who have completed courses I or II.)

IV. History of the Reconstruction Period: An intensive study of the critical period immediately preceding and subsequent to the Civil War. The political, social, economic and sectional issues and influences are briefly reviewed. Amendments XIII, XIV and XV to the Constitution, together with the various Reconstruction Acts of Congress are critically studied, also the incidents in the several States. The aim is to give a clear conception of the new birth of the Nation and to ascertain the readjusted rights, liberties, immunities, obligations and duties of the emancipated and enfranchised race. Being essentially a course of patient, critical investigation of documents and monographs the seminar method will be followed. (Open to students who have taken two courses in History, of which Course III must be one.)

DEPARTMENT OF FRENCH

Instructors

Miss Cook and Mr. Thomas

I. The work of the first year consists in laying a broad foundation, intended as a preparation for advanced classes, but is sufficiently

broad and comprehensive to enable the student to perfect himself in conversation, composition, literary and scientific reading, without further class-room assistance. Texts: Colin and Sérafon's *"Practical Lessons in French Grammar"* and Josselyn's *"Elementary Reader of French History."* Mr. Thomas.

II. The work of the second year deepens and extends that of the first. Text: Syntax—Edgren's *"French Grammar."* Reading—Foncin's *"Pays de France"* (Edited by Muzzarelli). Victor Hugo's *"Notre Dame de Paris,"* Extracts *"Super's Reading from French History."* Fortier's *"Napoleon."* Miss Cook.

III. Texts: (1) Xavier de Maistre's *"Voyage autour de ma Chambre."* (2) Souvestre's *"Un Philosophe sous les toits,"* (3) Lamartine's *"Meditations."* A diary in French forms a part of this course, besides other works in composition, also conversation. Miss Cook.

IV. A course in French Drama. Texts: Illustrating (1) the Classic French Drama, Moliere's *"Tartuffe"* and Corneille's *"Le Cid,"* (2) The Transition, Dumas' *"Henri III et sa Cour,"* and (3) the Romantic French Drama, Victor Hugo's *"Hernani,"* Coppee's *"Lutier de Cremone."* The composition of this course will be the formal French adapted to polite letter writing, business communication or diplomatic correspondence. (All courses in French are elective, open to all who are prepared for them.) Miss Cook.

DEPARTMENT OF SPANISH

Instructor

Miss Cook

Courses in Spanish have been introduced to meet the practical demands in connection with growing opportunities in Spanish-speaking countries and in our own colonial possessions. The technical and natural methods are combined; ample drill is given in pronunciation, grammar and composition, with reading, dictation and conversation.

I. Texts: Marion and Des Gareunes' *"Introduction a la Lengua Castellana";* Carter and Malloy's *"Cuentos Castellanos."* II. Texts: E. C. Hill's *"Spanish Grammar";* Remy's *"Spanish Composition";* Hill's and Reinhardt's *"Seven Spanish Stories";* Caballero's *"Un Servilon y un Liberalito."* (Elective; open to Juniors and Seniors, and to others by special arrangement.)

DEPARTMENT OF GERMAN

German I Grammar: Practice in reading, writing and speaking German.

Open to those who do not offer German for admission.

German II, Prose and Poetry—Practice in reading and writing German, subjects from modern authors: In the second semester one or more dramas from Goethe, Schiller or Lessing.

German I, or two years of secondary work *prerequisite.*

German III. Subjects in the Sciences. History and Biography, Chemistry, Physics and Botany, the emphasis depending on the choice of those electing the course. German III is designed to enable scientific students to consult German authorities on their subjects.

German IV. The Classical Period.

A. Lessing
B. Schiller
C. Goethe

A study is made of the life of each author, accompanied by rapid parallel readings from their works. Regular written themes form a part of the course. One hour per week is devoted to composition, dictation, conversation. A, B. and C. are given in successive years. The course for the year 1915-16 will be in the life and works of Goethe. Three times per week.

German V. Conversation and advanced composition. Drill in advanced syntax and idioms. Reading of selected current German periodicals. This course is designed not only for students who desire to speak German, but also for those who intend to teach it. Prerequisite, German II or IV. Three times per week. Not given in 1915-16.

German VI. Goethe's Faust. Reading and interpretation. Lectures, essays and discussions. Prerequisite, German II or IV.

Courses V. and VI. are given in alternate years.

DEPARTMENT OF PHYSICS

Professor Coleman and Mr. Hays

I. General College Physics: Two hours of lecture and recitation plus two hours laboratory per week during the year, covering me-

chanics, heat, magnetism and electricity, sound and light. This course is intended to furnish a good foundation for the study of pure or applied science.

Prerequisite: Mathematics 16, or to be pursuing the same.

II. General Laboratory Physics: Two laboratory periods of two hours each and one hour per week lecture throughout the year. This course includes about fifty experiments distributed over the subject matter of physics. For further information see Outline of Course and Instructions for Students in Physics II, Prerequisite Course I.

General Statement: Advanced Courses in Mechanics, Heat, Electricity and Magnetism, Sound and Light and Radiotelegraphy may be organized for an approved number of students whose qualifications in the opinion of the department are such that they may pursue profitably the courses.

DEPARTMENT OF CHEMISTRY

Instructors

Professor Scurlock

Assistant Professor Adams and Mr. Marshall

I. General Inorganic Chemistry. Lectures, recitations, quizzes, and blackboard exercises throughout the year in the class-room.

Laboratory: Practical exercises in General Inorganic Chemistry during first semester; elementary Qualitative Analysis during second semester. Mr. Marshall.

II. This course continues the work in Qualitative Analysis during the first semester, and in the class-room deals with the subject from the standpoint of modern theories. The laboratory work consists of more difficult exercises than those given in Course I, based on the modern theories as taught in the class-room instruction.

In the second semester the laboratory work deals with the preparation and purification of inorganic salts. In the class-room, lectures and recitations are given on the substances and methods under consideration. Professor Scurlock and Mr. Marshall.

III. Quantitative Analysis. The class-room work deals with a discussion of the methods employed in the laboratory and the special features which arise. Calculation of analytical results forms the subject of blackboard exercises.

Laboratory: Instruction is given in gravimetric, volumetric, gasometric and electrolytic determinations. Examples in sanitary, commercial, and food analysis are given to show the application of the methods studied.

Professor Scurlock.

IV. Elementary Organic Chemistry. Lectures and recitations throughout the year.

Laboratory: The practical work includes the preparation of some of the typical compounds of the important classes of organic compounds and a study of their reactions and transitions.

Assistant Professor Adams.

General Statement: The four courses described above are the fundamental undergraduate courses which the student is expected to pursue during his college course. Work in Physical Chemistry, Advanced Organic Chemistry, Organic Analysis and Food Analysis may be arranged for suitably prepared students, but before admission to such work the applicant must satisfy the Department that he is able to undertake the work chosen.

DEPARTMENT OF BIOLOGY AND GEOLOGY

Professor Schuh, Professor Just and Mr. Cooke

The following courses are recommended to three classes of students: (1) to those who have an interest in the natural sciences; (2) to those who intend to teach them; (3) to all who desire to pursue the study of medicine. All are elective.

(a) BOTANY

I. Elementary Botany: A brief oversight of the vegetable kingdom. Both morphology and physiology will receive emphasis. A course intended to train the student in the use of the microscope and to prove helpful to those intending to teach, or to study Medicine or Pharmacy. (May be taken in connection with Zoology I.)

Text: Bergen and Davis's *"Principles of Botany."*

Professor Schuh.

II. Advanced Botany: A course on the anatomy and physiology of the higher plants, and in the classification, structure and life-his-

tory of the various types of cryptograms. Special attention is given to those of economic interest. (Open to all who have completed Botany I or its equivalent.)

Text: Coulter, Barnes and Cowles's, *"Text-book Botany, Vol. I."*

PROFESSOR SCHUH.

(b) ZOOLOGY

I. General Zoology: An introductory course designed to lay a broad foundation of the general principles of Zoology as a part of a liberal education or as a preparation for the study of Medicine. Structure, life-histories, and physiology of typical animals are studied in the laboratory. (Open to Freshmen; may be taken with Botany I.)

PROFESSOR JUST AND MR. COOKE.

II. (a) Vertebrate Zoology. A comparative study of vertebrate structure, with attention to histology and physiology.

(b) Vertebrate Embryology. A study of the embryology of vertebrates with special reference to the development of the chick.

PROFESSOR JUST.

III. (a) Mammalian Anatomy. A course in anatomy based on dissection of the cat and a detailed study of the sheep's brain.

PROFESSOR JUST.

(b) Animal Histology. A course in histology and histological methods. (Not offered in 1915-16.)

Courses II and III alternate.

IV. Cytology and heredity. A course devoted to the study of the modern problems of Zoology.

PROFESSOR JUST.

(c) GEOLOGY

I. Elementary Geology: A synoptical course in dynamic, structural and historical Geology. Though thorough, it is popular in its methods, and aims to aid teachers in giving instruction in physiography and geography as well as in more formal Geology. It is advisable that Botany I and Zoology I precede it. (Junior elective.) Text: Brigham's *"Text-book of Geology."*

PROFESSOR SCHUH.

II. Advanced Geology: A more extended and systematic account of the earth's past history, of its physical aspects, and the forces by which its present condition has been attained. Attention is given to economic Geology, and about 3,000 specimens of fossils and minerals are available for the use of students. (Open to all who have completed Geology I or its equivalent.) (Senior Elective.) Text: Chamberlin and Salisbury's *College Geology.*

PROFESSOR SCHUH.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Instructor

PROFESSOR PARKS

Economics: A general survey of the facts, history, principles, theories, and rapidly growing literature. Emphasis is placed on the facts, fundamental principles, and laws. Present conditions and problems are studied, and current economic events, movements, and tendencies are discussed. Emphasis is placed upon the study of the condition of the masses, their needs, and the relation of their economic to their educational, æsthetic, moral, and social life.

The study of the text-book is supplemented by class-room lectures with required notes, readings, theses, and discussions.

Text: Ely's *"Outlines of Economics."*

Political Science: A course in the general principles including the origin, history, nature, organization, and vital forces of the state and the organization, province and function of government, with a comparison of the present leading states and their governments; and a special study of the government of the United States, including the federal, state, municipal and other local governments. While due attention is given to the structure of the government of the United States, emphasis is placed upon the study of the vital forces and practical working of our American system and of its present tendencies and living issues.

Great emphasis is placed upon the study of the history of the development of democracy with its present tendencies, current political progress in the various states of the world, and the close connection between the rapidly developing economic life and the new and ever-changing political problems.

The text-books are supplemented by class-room lectures with required notes, readings, theses, and discussions.

Texts: Gettell's *"Introduction to Political Science";* Bryce's *"American Commonwealth"* or Beard's *"American Government and Politics."*

PROFESSOR PARKS.

DEPARTMENT OF SOCIOLOGY

Instructor

PROFESSOR MILLER

(a) Theories of Social Progress. (b) Practical Social Questions. The stress of emphasis is placed upon present day social problems.

SOCIAL STATISTICS AND SOCIAL WELFARE

The purpose of this course is:

(1) To acquaint the student with the statistical method of interpreting social phenomena; (2) To afford experience in the field work of social research; (3) To give actual practice in real uplift work in behalf of all classes.

DEPARTMENT OF PHILOSOPHY

Instructors

PROFESSOR MOORE AND ASSISTANT PROFESSOR LOCKE

I. Psychology (a): General survey of conscious processes and explanation of modern methods of scientific investigation—classification of mental functions with examination of the physical basis of mental states. (Elective.)

PROFESSOR MOORE.

Psychology (b): More extensive study of special subjects such as attention, association, imagination, thought, apperception, instinct, will and habit. The work is conducted by lectures, text-books, and reports or short papers on assigned topics. Texts: Baldwin, Angell and James.

PROFESSOR MOORE.

II. Logic*: Elements of deductive and inductive logic, nature of reasoning, conditions of proof, training in clear reasoning and a comprehensive grasp of scientific method. The course will show the relation of logic to psychology and the general theory of knowledge.

ASSISTANT PROFESSOR LOCKE.

III. Ethics*: This course will aim to treat Ethics as a descriptive and normative science and to show its applications to the solutions of problems of conduct. A survey will be made of ethical theories—origin and authority of moral law, nature and function of conscience—modern problems and their ethical aspects. Text: Tuft's *"Ethics."*

ASSISTANT PROFESSOR LOCKE.

IV. History of Philosophy: General survey of the principle philosophic systems with a critical study of certain modern types of thought—consideration of the important problems of modern philosophy from the vantage ground of the history of civilization. Text: Weber's *"History of Philosophy."*

PROFESSOR MOORE.

DEPARTMENT OF INTERNATIONAL LAW AND COMMERCIAL LAW.

Instructor

PROFESSOR COOK

International Law*: This is a suggestive course through which to gain a knowledge of the historic advance and development of the law of nations, and of the sources of definite information regarding the relations between nations, expressed in congresses, conventions, treaties and declarations as established in accepted usages and rules of action laid down in decided cases.

Commercial Law*: This course is designed to supply a pressing need of those entering into life's activities, and will be treated so as to give a student the practical knowledge of the requisites in business affairs, to enable him legally both to protect his own property rights, and to respect those of others.

The work will be pursued in an elementary manner under the following heads: General Principles of Law, Contracts, Negotiable Paper, Insurance, Real Estate Transfers.

*Half year courses are starred.

TEACHERS COLLEGE

FACULTY AND INSTRUCTORS

STEPHEN MORRELL NEWMAN, A. M., D. D.
President.

LEWIS BAXTER MOORE, A. M., Ph. D.,
Dean and Professor of Philosophy and Education.

THOMAS WYATT TURNER, A. M.,
Professor of the Teaching of Biological Sciences.

McLEOD HARVEY, A. M., Ph. D.,
Professor of Educational Psychology.

ALONZO HERTZEL BROWN, A. M.,
Associate Professor of the Teaching of Mathematics and Science.

WALTER DYSON, A. M.,
Associate Professor in History and Civics.

ALAIN LEROY LOCKE, A. B., Litt. B.,
Assistant Professor of the Teaching of English; Instructor in Philosophy and Education.

MARTHA MacLEAR, A. M.,
Assistant Professor in Elementary Education; Director of Kindergarten Training Department.

CHARLES HARRIS WESLEY, A. M.,
Instructor in the Teaching of History and Modern Languages.

WILLIAM RAYMOND MOODY, A. B.,
Acting Professor of English.

**KELLY MILLER, A. M.,
Professor of Mathematics.

**Courses offered by the following Professors and Instructors are open to students of the Teachers College and constitute a part of their regular course of study.

*Absent on leave (1914-15).

GEORGE OBADIAH LITTLE, A. M., D. D.,
Professor of Greek.

GEORGE MORTON LIGHTFOOT, A. B.,
Professor of Latin.

WILLIAM VICTOR TUNNELL, A. M., S. T. B., LL. B.,
Professor of History.

GEORGE WILLIAM COOK, A. M., LL. M.,
Professor of Commercial Law and International Law.

EDWARD LAMAY PARKS, A. M., D. D.,
Professor of Economics and Political Science.

RICHARD EDWIN SCHUH, A. M., Ph. D.,
Professor of Biology and Geology.

HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry.

WILLIAM COLEMAN, A. M.,
Professor of Physics.

GORDON DAVID HOUSTON, A. B.,
Professor of English.

ERNEST EVERETT JUST, A. B.,
Professor of Zoology.

WILLIAM JOHN BAUDUIT, S. M.,
Associate Professor of Mathematics.

MONTGOMERY GREGORY, A. B.,
Assistant Professor of English.

NUMA POMPILIUS GARFIELD ADAMS, A. M.,
Assistant Professor in Chemistry.

ELIZABETH APPO COOK,
Instructor in French and Spanish.

ERNEST MEDLEY POLLARD, A. B.,
Instructor in English.

JAMES SIMPSON THOMAS, A. B.,
Instructor in German.

CARL P. MURPHY, A. M.,
Instructor in German.

STATEMENT OF AIMS

The aim of this college is to provide thoroughly prepared teachers for High Shools, Normal Schools, Academies, Elementary Schools, and Kindergartens. It is not a Normal School, but a college of education and takes academic rank with Colleges of Arts and Sciences in its scholastic work and with schools of Medicine, Law and Theology in its professional work. It provides for the following classes of students:

(1) Teachers of experience wishing further preparation for principalships and professorships in colleges and Normal Schools. (2) College students intending to teach one or more special subjects in High School and who, while working for the bachelor's degree, desire special equipment in education and teaching. (3) Persons preparing to teach in elementary schools and kindergartens, and those preparing to teach special branches, such as Manual Training, Domestic Science and Domestic Art and Music. (4) Mature teachers wishing to familiarize themselves with new methods or to master new branches. (5) College graduates who have not had advantage of the latest and best work in modern education and who desire to become professional teachers. (6) Persons who not desiring to follow teaching as a profession, may wish to pursue the study of education for the purpose of aiding in the general educational reform and the uplift of the community as members of Boards of Education, School committees, etc. Such persons of both sexes will find the study of education of immense advantage to them.

ADMISSION

Admission to the Teachers College is obtained by furnishing certificates of good moral character, letters of honorable dismissal from the school last attended, and evidences of having completed successfully an accredited High School course of four years. For fuller explanation see University catalogue pp. 33 to 39.

ADVANCED STANDING

Applicants who offer collegiate courses or professional courses from normal schools in excess of the requirements for admission may be given advanced standing; but in no case shall such credit be recognized unless it rests on pre-collegiate preparation offered by the four years' course in an accredited high school.

SCOPE OF WORK

COLLEGE COURSES

FOR TRAINING TEACHERS OF HIGH SCHOOLS, NORMAL SCHOOLS, AND ACADEMIES

The courses of the Teachers College give a broad and thorough preparation, both scholastic and professional, to men and women desiring to teach in high schools, normal schools and academies. Being one of the colleges of the School of Liberal Arts, its work is coordinated with that of the College of Arts and Sciences, and students of both colleges, in much of their scholastic work, recite in the same classes and pursue the same courses. In the Freshman and Sophomore years sufficient differentiation is made to prepare students of this college for the Junior and Senior years, which contain much of professional work. In the process of teaching, the method is particularly adapted to those who propose to become teachers, *it being borne in mind that one who studies a subject for the purpose of teaching, must have a different viewpoint and method of approach, as well as mental attitude, from the one who studies simply to acquire. Differentiation in method, therefore, as well as content is essential.*

DEGREES AND DIPLOMAS

On the completion of the undergraduate course of four years, or one hundred and twenty-six semester hours (six of which are accredited to observation and practice teaching), the University confers the Bachelor's degree.

The work of the College divides itself into an Arts Group for those taking Latin or Greek, leading to the degree of Bachelor of Arts and a Science Group, for those taking French or German, leading to the degree of Bachelor of Science. Each degree carries with it the Bachelor's Diploma in Education. To the class graduating in 1918 the degree of Bachelor of Arts in Education or Bachelor of Science in Education is offered.

Upon the completion of a course of two years in Elementary Education, Kindergarten Education or Practical Arts, the University confers a diploma appropriate to the course pursued.

DISTINCTION AT GRADUATION

Students who maintain throughout the four years' course an average standing of 95, are graduated "Summa Cum Laude;" those who maintain a standing of 90 are graduated "Magna Cum Laude;" those who maintain a standing of 80 are graduated "Cum Laude."

GRADUATE WORK

Graduates of the Teachers College, the College of Arts and Sciences of Howard University, or of institutions whose undergraduate course is equivalent to that of this institution on approval of the faculty, may become candidates for the degree of Master of Arts and the Master's Diploma in Education. At least one year of resident study is required.

REQUIRED COURSES FOR BACHELOR'S DEGREE AND BACHELOR'S DIPLOMA IN EDUCATION

Professional Requirements:

Education B. History of Education 6 units.
Education 51. Principles of Education 3 units.
Education 52. Principles of Teaching 3 units.
Education A. Educational Psychology 3 units.
Education 107. Secondary Education 3 units.
Education 108. Elementary Education 3 units.
Education 53-54. Observation and Practice Teaching....3 units.

Each student is required to elect 6 units from the following subjects:

Education 61-62. The Teaching of English 4
Education 63-64. The Teaching of History 4
Education 55-56. Child Psychology 3
Education 67-68. The Teaching of Modern Languages 4
Education 64-66. The Teaching of Mathematics 4
Education 71-72. The Teaching of Science 4
Education 69. The Teaching of Latin in High Schools.....2

COURSES OPEN TO GRADUATES AND APPROVED SENIORS

Education 101-102. School Administration and Supervision.....4
Education 103-104. Problems in Modern Education 4
Education 109. Biology and Education 2
Education 105-106. Advanced Educational Theory 4

GENERAL REGULATIONS

All regular students must complete, during their college course, at least 18 units in a major subject, and at least 12 units in a minor subject. As a major, any of the following academic subjects or groups of subjects may be chosen: English, Latin, Greek, French, German. Mathematics, Physical Science, Biological Science or History, including Economics and Political Science. As a minor, choice may be made of any one of the above subjects or of Education, Psychology, and Philosophy.

The Bachelor's diploma in Education may be granted to graduates of approved colleges upon the completion of at least one year's work in residence and the satisfaction of the requirements specified on page 67 under Professional Requirements, Required Electives, General Regulations.

The Master's Diploma in Education may be granted in connection with the Master of Arts Degree, provided the candidate has taken a major or minor in Education and has satisfied the requirements specified on page 68 under Professional Requirements and Required Electives.

SYNOPSIS OF COURSE OF STUDY.

I. College Course

FRESHMAN YEAR.		SOPHOMORE YEAR	
English A	6 units	English B	6 units
Education 1 and 2	4 units	Psychology	6 units
Latin or Greek	6 units	Latin or Greek	6 units

The following additional courses must be taken to the number of 15 units in the Freshman and 18 units in the Sophomore Year unless they have been taken in work of approved grade in high school in which case other Academic studies to the equivalent number of units must be taken from the list of General Freshman and Sophomore Electives—

Biological Science 6 units	*1—One year only if based on 2 years of high school work, otherwise 2 years will be required.
Physics 6 units	
French or German *1 ...12 units	
History *2 12 units	*2—Students may claim 6 units of exemption according to character of history work done in high shool.

Note B.—Mathematics (6 units) must be elected sometime during this part of the course.

General Freshman and Sophomore Electives

Biblical History and Literature	History
Botany	Latin
Chemistry	Mathematics
English Literature	Nature Study
French	Physiography
German	Physiology and Hygiene
Greek	Zoology

JUNIOR YEAR

N. B. At the beginning of the Junior year, the student is expected to choose a major subject for specialization, in which he must complete, before graduation, at least 18 units of work, and a minor subject in which he must complete at least 12 units of work.

Prescribed Courses:

Education B. History of Education 6 units.
Education 52. Principles of Teaching 3 units.
Education 51. Principles of Education 3 units.
Education 59-60. Logical and Sociological Bases of Education 6 units.

SUGGESTED ELECTIVE GROUPS

THE TEACHING OF PSYCHOLOGY GROUP

Major—Educational Psychology 6 units
Advanced Psychology 6 units
Adolescence 3 units
Child Psychology 3 units

MINORS—Physiology 3 units
Biology 3 units
Modern Language 6 units
Physics 6 units
Optional 24 units

THE TEACHING OF ENGLISH GROUP

MAJOR—English 18 units
MINORS—History 6 units
Modern Language 6 units
Optional 30 units

THE TEACHING OF HISTORY GROUP

MAJOR—In History 18 units

Minors may be chosen either:

(1) English 12 units
(2) Modern Language 12 units
Optional 18 units

The following subjects are required:

History of Education 4 units
Philosophy 3 units
Psychology 6 units
Political Science 3 units
Sociology 3 units
Optional 11 units

THE TEACHING OF MATHEMATICS GROUP

MAJOR—Mathematics 18 units
MINORS—Teaching of Arithmetic 3 units
Teaching of Algebra 3 units
Applied Mathematics 6 units
History of Mathematics 6 units
French or German 12 units
Physics 6 units
Optional 6 units

THE TEACHING OF SCIENCE GROUP

Major in Biological Science 18 units

Including teaching of Biological Sciences.

MINORS—Physiology, Chemistry 12 units
Modern Language 6 units
Teaching of Nature Study 3 units
Biology and Education 2 units
Logic 3 units
Optional 16 units

Electives to total 30 or 36 units:

Education 55-56. Child Psychology.
Education 1-2 K. Kindergarten Education.
English 51-52. English Literature.
English D. English Speaking.
Education 63-64. (Hist.)
Education 65-66. (Math.)
Education 71-72. (Science).
*Economics.
*Botany.
*Chemistry.
*French.
*German.
*Greek.
*Argumentation.
*Latin.
*Spanish.
*Zoology.

SENIOR YEAR

N. B.—All students are required to satisfy outstanding conditions before the end of the first semester of their senior year.

Prescribed Courses:

Education 53-54. Observation and Practice Teaching ... 3 units
Education 107. Secondary Education 3 units.
Education 108. Elementary Education 3 units.

NOTE.—Starred (*) courses are courses open to Teachers College students in other departments of the University.

Electives:

English 53. Comparative Literature.
Education 101-102. School Administration.
Education 67-68. Teaching of Modern Languages.
Education 69. Teaching of Ancient Languages.
Education 71-72. Teaching of Science.
Education 103-104. History of American and Negro Education.
Education 109. Biology and Education.
*Botany.
*Chemistry and International Commercial Law.
*Economics.
*Greek.
*History.
*Political Science.
*Physics.
*Zoology.

POST-GRADUATE WORK

Graduate students choosing a major or minor in Education are required to make selection from the following, the amount and nature of the selections depending upon previous work done in Education:

History of Education.
Problems in Modern Education.
Administration and Supervision.
Biology and Education.
Principles of Education.
Principles of Teaching.
Advanced Educational Theory.

II. Two Year Courses.

Students who are planning to teach in Elementary Schools are given a diploma at the end of the second year of college work, upon the completion of a prescribed course.

A special course of two years is open to students planning to teach in Kindergartens.

COURSES LEADING TO A DIPLOMA IN ELEMENTARY EDUCATION

FIRST YEAR—REQUIRED

English A.	6
Physiology and Hygiene	6
Physiography and Nature Study	6

Note.—Starred (*) courses are open to Teachers College students in other departments of the University.

Teaching of Elementary Mathematics	6
History	6
Education 5-6	2

One elective to be chosen from the general electives.

SECOND YEAR

Literature of Elementary Schools	4
History of Education	4
Psychology and Child Study	6
Principles of Education	3
Elementary Education	3
Practice Teaching	3

One elective chosen from the general electives.

COURSES LEADING TO A DIPLOMA IN KINDERGARTEN EDUCATION

FIRST YEAR

English A.	6
Physiology and Hygiene	6
Kindergarten Theory	4
Kindergarten Education 3-4	4
Kindergarten Education 5-6	2
Kindergarten Education 7-8	2
Physiography and Nature Study	6

SECOND YEAR

History of Education	4
Psychology—Child Study	6
Principles of Education	3
Elementary Education	3
Practice Teaching	3
Literature for Elementary Schools	4

Before graduation all candidates for a diploma in Kindergarten Education must satisfy the director of her ability to play the piano.

DESCRIPTION OF COURSES OF STUDY
EDUCATION

Professor Moore, Assistant Professor MacLear and Professor Harvey

1. Theory and Practice of Education.

Education 51. *Principles of Education*: This course is devoted to the study of the aims, values, content of education as revealed by biological, psychological, sociological and ethical principles. Perequisite: General and Educational Psychology, History of Education.—Professor Harvey.

Education 52. *Technique of Teaching*: This course considers the application of the facts and principles of psychology and logic to teaching. Special attention is given to the various lesson types, moral training and to class management. Prerequisites: General and Educational Psychology; History of Education.—Professor Harvey.

Education 101-102. *School Administration and Supervision*: This course is designed for principles, supervisors and teachers who wish to prepare themselves for supervision and administration. It deals with the organization of school systems, work of school boards, superintendents, principals, and teachers, relation of the national government and the state to education, the economics of administration, school legislation, compulsory education and school hygiene.—Dr. Moore.

Education 53 and 54. *Observation and Practice Teaching*: By arrangement with the public school system of Washington, students are provided with excellent opportunities for observation and practice, under actual school conditions. Perequisites: Secondary Education or Elementary Education.

Education 108. *Elementary Education*: Lectures and required readings. The object of this course is to present to the class special methods in teaching English, Geography, Arithmetic and History, for use in the primary and grammar grades. Perequisites: Psychology and the Principles of Teaching, History of Education. All students electing this course must leave one forenoon hour free for practice teaching.—Assistant Professor MacLear.

Education 107. *Secondary Education*: Matter and method in high schools. While some time is given to the study of the functions and administration of secondary education, most of it is devoted to the

study of the values, content, and methods of teaching the various high school branches. Each student is required to investigate thoroughly some phase of secondary education and present his findings to the class. Prerequisites: History of Education, Principles of Education, Technique of Teaching.—Dr. Moore.

II. Educational Psychology.

Education A. *Introduction to Psychology*: A general study of mental processes. It is introductory to all work in philosophy and pedagogy, and aims to train the student to observe and interpret his own experiences and those of others.—Dr. Moore.

This course presupposes such a knowledge of Psychology as may be to sensation, perception, association, memory, instincts, habits, emotion, will, etc. The physiological basis of sensation will be studied and elementary experiments will be employed to illuminate the subjects and to illustrate methods of teaching. The different types of memory and imagination, the use of prejudices, economy in learning, etc., will be considered. Some attention will also be given to Abnormal phychology in its bearing upon the defective pupil. The aim will be to teach the whole subject in such a way as will enable the teacher to deal more intelligently with school problems.—Professor Harvey.

Education 55-56. *Child Psychology*: This course on the physical and mental development of children is supplementary to the prescribed course in general and educational Psychology. It presents facts concerning the nature and development of the child mind during childhood and adolescence, with special reference to the meaning of these facts to the teacher.—Assistant Professor MacLear.

ADVANCED PSYCHOLOGY

This course will present the laws of consciousness in their relation gained from Angel's Psychology, Calkin's Introduction to Psychology, or similar works. It will give more advanced work in Physiological Psychology, a treatment of the Emotions, and an introduction to Experimental Psychology. In treating the various aspects of this subject, its bearing upon the teaching profession will be kept in view. Summaries of articles in the current psychological and educational magazines will also be presented by the students and discussed in class.—Professor Harvey.

ADOLESENCE

Education 58-A. This course will deal with the development of the adolescent along physical, mental, moral and social lines. It will dwell upon the place of sports, manual training, industrial education, social activities, methods of moral education.—Professor Harvey.

THE PSYCHOLOGY OF THE BIBLE.

In this course there will be a survey of the historic, poetic, prophetic, didactic and symbolic literature of the Jews, and an effort made to see the Jewish point of view and the character of their thought and feeling. The influence upon the Jewish race of their environment and religion will be noted and the development of new ideals will be traced. Finally their contribution to the progress of the world, spiritually, ethically, educationally, and socially, will be considered.—Professor Harvey.

III. HISTORY AND PHILOSOPHY OF EDUCATION.

DR. MOORE, ASSISTANT PROFESSOR MACLEAR, ASSISTANT PROFESSOR LOCKE

Education B. History of Education: The design of this course is to develop in the student breadth of view by treating the history of education as a vital part of the history of civilization. It includes an account of political and social theories in so far as they affect education. Prerequisite: General Psychology.—Assistant Professor MacLear.

Education 103-104. *History of Education in America*:

a. The first part of this course deals with the evolution of the public school systems of the states and cities, the various types and grades of schools—public, private and denominational. It discusses the recent reforms and present tendencies in American education.

b. The Education of the Negro: The second part of this course is given to the development of the Negro in America under the influence of Education. It studies the educational forces of the ante-bellum period, the work of societies and churches, the organization and development of schools for Negroes at the close of the Civil War, the various types of schools, their curricula and methods of administration, their re-adjustment to present sociological conditions and tendencies. Each student is assigned one topic for special investigation. Lectures, assigned readings and reports.—Dr. Moore.

Education 105-106. *The Philosophical Basis of Educational Theory*: A comprehensive course in the historical and comparative study of education theory as showing the progressive stages in the philosophical, cultural and social aims of education. The educational classics from Plato and Aristotle to Herbart, Pestalozzi and Spencer will be reviewed.—Dr. Moore, and Assistant Professor Locke.

IV. Kindergarten Education.

Assistant Professor MacLear.

Education 1-2 K. *Kindergarten Theory*: This course is based on a study of Froebel's *Education of Man, Mother Play, Pedagogics of Kindergarten and Education by Development.* In addition, readings in modern educational theory will be required.

Education 3 and 4. *Gifts and Handwork*: This course is intended to give a mastery of the gifts and materials used in the Kindergarten by means of lectures, discussions, essays and practical work.

Education 5 and 6. *Songs and Games*: Lectures, practical playing of games and the study of Kindergarten songs.

Education 7 and 8. *Kindergarten Principles and Practice*: This course deals with practical work in the kindergarten, as well as a study of material available for use in the kindergarten and the making of typical programmes.

V. The Teaching of English Language and Literature.

Assistant Professor Locke, Mr. Moody.

Education 61-62. *The Teaching of English.*

(*a*) The English Curriculum of The Elementary School.

Detailed study of the elementary school course in English, with especial emphasis on methods of teaching. Such general questions as the problem of the place and value of the vernacular in education, the unity of the English branches, the conflict of modern with the traditional methods, will be discussed.

(*b*) The English Curriculum of The Secondary School.

A course in the teaching of High School English, treating the problems of the correlation of secondary with elementary school English, the teaching of the English Classics, and the study of formal compo-

sition. The Uniform College Entrance Requirements in English will be studied and discussed, and used as a standard for the High School curriculum. Assistant Professor Locke.

2. English A. Composition and Literature.

An introductory course in practical composition and literary analysis; and types of composition selected will parallel the theme work which is the basis of the course.

Assistant Professor Locke and Mr. Moody.

3. English B. English Speech and Usage for Teachers.

A course in the essentials of English grammar, syntax, and idiom, treated both historically and systematically, and with a view toward perfecting a technical and standard knowledge of English, such as is necessary to effective teaching of the subject. Laboratory work in English composition, and corrective methods in English training.

Assistant Professor Locke.

4. English C. Reading and Story-telling.

Stories and Story Material: A general survey of appropriate literature for children, including folk and fairy-tales, history stories, nature stories, fables and poems; a classification of this literature for purpose of reference, through discussion and demonstration of the principles underlying the selection and presentation of stories to children.

Assistant Professor Locke.

5. English 51-52. Typical Forms of English Literature.

This is a course in the development of appreciation and critical standards. It attempts a survey of the principles, forms of literature, such as the epic, the lyric, the ballad, the conte, the novel, the short story, on a background chiefly of English literature, with a view to establishing an appreciative and comparative basis for the teaching of the English Classics.

Theses, reading, and lectures.

Assistant Professor Locke.

VI. The Teaching of History.

Associate Professor Dyson and Mr. Wesley.

Education 63-64. The Teaching of History in Elementary and High Schools.

The object of this course is—

(1) To aid teachers and general students of history, who have not had special training in modern historical study, through a presentation of the principles of historical composition.

(2) To present methods of historical instruction in the elementary school, the secondary school, academy and college.

(3) To discuss the special problems which arise in connection with this instruction.

Mr. Wesley.

ANCIENT AND MEDIAEVAL HISTORY

History A. I. Ancient and Mediaeval History.

The aim of this course is to acquaint the future teacher with the general history in outline of the Ancient or Mediaeval World.

(*a*) From a study of its Geography, (*b*) its people, (*c*) the rise and spread of Greek culture, (*d*) Roman Law and Order and (*e*) Christianity.

Discussion of text books, literature, methods of study and teaching, will be emphasized. (Not given 1914-15).

History B. Mediaeval and Modern European History.

This course is intended to present a survey of the principal features of the development of Europe from the barbarian invasions to the present. Emphasis will be placed on the important epochs and periods of transition. The course will be conducted by lectures, student reports on special topics, discussion of the literature of the subject, methods of study and teaching. A fair knowledge of the General History of Europe is presupposed.

Mr. Wesley.

History 51-52. Literature of American History.

The object of this course is to organize the students' historical knowledge, and to develop an intelligent use of collateral material in the study and teaching of history. The development of America from the Discoveries and Explorations to the present time will be reviewed, in order to present a comprehensive view of the collateral material and the subject-matter. Special lectures will consider the contributions of the Negro to American Civilization. Lectures, collateral readings, special investigations, oral reports.

Mr. Wesley.

VII. The Teaching of Mathematics.

Associate Professor Brown.

Education 65. The Teaching of Mathematics in the Elementary School.

This course aims to give the student a comprehensive grasp of the theory and practice of teaching mathematics in the elementary school. The course treats: the history of teaching methods in arithmetic; present-day methods, and the critical study, grade by grade, of a typical course of study in arithmetic. Lectures, discussions and recitations.

Education 66. The Teaching of Mathematics in Secondary Schools.

A study of the pedagogical and educational aspects of high school arithmetic, algebra, geometry, and trigonometry, and the methods of presenting the same.

Prerequisites: one year of college mathematics.

Mathematics A. Teachers' Course in Solid Geometry.

The laboratory method will be largely used in this course. Special attention will be given to the development of the formulae and to the practical application of the subject. The subject-matter of Wentworth's *Solid Geometry,* Books VI, VII and VIII will be covered.

One semester.

Note.—Each student must be provided with mathematical instruments.

Mathematics B. Trigonometry and Surveying.

In this course the concepts and formulae of trigonometry will be approached from the graphical viewpoint, by the use of scaled drawings, tables, polar paper, etc. Most of the problems of elementary surveying will be included in the course, and the practical use of the chain, plane table, water level and the transit will be taught. Considerable attention will be given to plotting.

One semester.

Mathematics C. Practical Mathematics.

A semi-professional course intended primarily for students who are specializing in mathematics and wish to develop skill and facility in computation. Some of the topics treated are as follows: The graphical use of coordinate paper; the practical determination of areas, volumes, etc.; the correction of errors; rates of increase; methods of computation in general, including the theory of construction and use of the transit, slide, rule, planimeter, sextant, etc.

Mathematics 51-52. History of Mathematics.

This course aims to outline, in a general way, the historical development of the elementary branches of mathematics—arithmetic, algebra, geometry, and trigonometry—from ancient times to the present.

Prerequisites: one year of college mathematics.

VIII. The Teaching of Foreign Languages.

Education 67-68. The Teaching of Modern Languages.

French conversation; lectures on teaching methods; essays and dictation; observation and practice teaching. (Open to Juniors and Seniors who have had two years of French.)

Mr. Wesley.

French A. Elementary French.

The aim of this course is to give the student a firm grasp of the essentials of the French grammar and language, which are regarded as neccessary in foreign-language study and teaching. Reading and conversation are urged from the beginning. A correct pronounciation

is attempted through the use of the phonetic alphabet, and through the imitation models presented by the Instructor.

Mr. Wesley.

French B. Advanced French Grammar and Composition.

Education 69. The Teaching of Latin in Secondary Schools. (Not available 1914-15.)

IX. The Teaching of Science.

Professor Turner.

Education 71-72, Teaching of Nature Study.

This course will consist of lectures, discussions, readings, laboratory and out-door work. It will deal with the aims, materials, and graded courses of *nature study, school gardening* and *elementary agriculture.*

(2) Science A. Biological Nature Study.

ANIMAL AND PLANT NATURAL HISTORY.

This is a general course in the nature study of common plants and animals.

The names, life-histories, habits, relation to man, and other facts of popular interest concerning living organisms are given special attention.

Professor Turner.

(3) Principles of Botany.

This course aims to present largely through laboratory exercises the fundamental principles of Botany. The higher plants are traced in their development from seed to flower; special effort being made to correlate the study of the morphology and physiology of the various parts.

The morphology, evolution and classification of the cryptogams will be studied briefly. Throughout this course the economic relations of Botanical study, the work of the higher and the lower plants in nature will be emphasized.

Professor Turner.

SCIENCE C. (4) GEOGRAPHY AND PHYSIOGRAPHY.

(*a*) PHYSIOGRAPHY.

This is a general advanced course treating of the physical features of the earth's surface and their influence upon man.

(*c*) TEACHING OF GEOGRAPHY IN ELEMENTARY AND SECONDARY SCHOOLS.

This course consists of a detailed study of the subject matter of secondary school courses; it deals with the problems of teaching Geography with special emphasis on laboratory work.

(Not given 1914-15.)

Mr. ————

SCIENCE D. (5).

ECONOMIC MICROBIOLOGY.

This course is designed to give the pupil an acquaintance with the structure, life history and economic importance of the common micro-organisms which affect our daily lives, such as bacteria, yeasts, moulds and other fungi. It will consider the relation of micro-organisms to the practical problems of public health and disease.

(6.) EDUCATION 109. BIOLOGY AND EDUCATION.

This is an advanced course and presents the leading facts and generalizations of Biology. It is a study of the educational significance of the principles of evolution, heredity, embryology, and general physiology. It will give a part of the time to the teaching of Biology in secondary schools.

This course is open to graduates and to qualified seniors. One semester.

PHYSIOLOGY AND HYGIENE.

This course has a three-fold aim: to meet the needs of those who may be called upon to teach Physiology in Secondary Schools; to form the basis for work in Psychology and Education; and to supply the general student with a somewhat exact knowledge of the structure and normal functioning of the human body.

First Semester: The human body as related to other animals; Skeleton, Muscles, Nervous System and Special Senses will be considered.

Second Semester: Circulatory, Respiratory, Digestive, Excretory Systems, Metabolism and Animal Heat.

Lectures and recitations, 2 hours. Laboratory, 2 hours.

Martin's Human Body, Advanced ourse will be used as a text.

X. Teaching of Fine Arts.

For information concerning Teachers' Training Course in Music consult the section of the catalogue under Conservatory of Music.

XI. Domestic Science and Art.

Miss Skelton and Miss Jackson.

For information concerning teachers' training courses in these subjects, consult the section of the catalogue under the School of Manual Arts and Applied Sciences, Department of Home Economics.

TEACHERS' EMPLOYMENT BUREAU

The college maintains a bureau under its direction to assist students and graduates in securing positions as teachers and, at the same time, to aid superintendents and boards of education in securing competent teachers.

For further information concerning the Teachers College, address,

President of the University, or Dean L. B. Moore.

THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES

FACULTY

STEPHEN MORRELL NEWMAN, D. D.,
President.

FRANK HAROLD BURTON, C. E.,
Director, and Instructor in Civil Engineering.

THOMAS WYATT TURNER, A. M.,
Professor of the Teaching of the Biological Sciences.

CHESTER ARTHUR LYLE,
Instructor in Printing.

HAROLD DEWOLFE HATFIELD, B. S.,
Instructor in Mechanical Engineering and Woodworking.

HAROLD APPO HAYNES, B. S. in E. E.,
Instructor in Electrical Engineering.

MABEL MADISON JACKSON,
Instructor in Domestic Arts.

GERTRUDE ELIZABETH SKELTON,
Instructor in Domestic Science.

GENERAL STATEMENT

The School of Manual Arts and Applied Sciences furnishes thorough courses in Manual Training, Home Economics, and Engineering. Its work is correlated with that of other departments of the University. It thus furnishes facilities for instruction in Manual Training and Engineering to a large number of students in those departments.

EQUIPMENT

The department has for its use the new Manual Arts and Applied Sciences building. In the basement are the engineering laboratories, as well as the large general drafting room. The wood-working department occupies the second floor, while on the third floor are the department of Home Economics, recitation rooms, and the office of the director. In the basement of Spaulding Hall which adjoins the new Manual Arts and Applied Sciences building, is situated the Printing Office, some storage rooms, and the blacksmith shop. Both buildings are lighted by electricity, and supplied with steam heat from the central heating plant of the University. Power is furnished to all machines by electric motors.

GENERAL INFORMATION

The requirements for admission to the higher courses in Manual Arts, Home Economics, and to Engineering are the same as those for admission to the courses in Teachers College and the College of Arts and Sciences or an equivalent. These require the completion of the four year's work or its equivalent in our Academy or some reputable high school. A certificate will be given on the completion of the two year's course. Academy courses are also offered in Home Economics to students who have completed the first year's work in the Academy or its equivalent.

MANUAL ARTS

COURSES FOR TEACHERS COLLEGE

The Teachers College and the School of Manual Arts and Applied Sciences jointly offer two and four year courses in Manual Training, and Home Economics. These courses are given in response to the increasing demand for well-trained teachers of Manual Training, Domestic Science, and Domestic Art. The courses are based on broad science training and are equivalent in standards to the literary courses of equal duration offered in other departments of the University.

Students satisfactorily completing these courses receive these University credentials:

After four years, the degree of Bachelor of Science and the diploma in Manual Training, Domestic Science, or Domestic Art.

After two years, teachers' certificates in Manual Training, Domestic Science, or Domestic Art.

For groups of special students from other departments of the University, as prospective kindergartners, grade teachers, nurses, or candidates for purely academic degrees, work in Sanitation, Nutrition, Dietetics, and certain technical laboratory courses may be had.

Correlated course of academic character and college grade, some of which are required of candidates for certificates, diplomas and degrees, are offered in the School of Liberal Arts.

These courses are given under the supervision of the Faculty of the Teachers College, and all inquiries should be addressed to Prof. L. B. Moore, Dean of the Teachers College, Howard University.

MANUAL TRAINING

EQUIPMENT

The woodworking room is equipped with twenty-four individual manual training benches, with rapid action vices, and complete sets of woodworking tools. Fifteen turning lathes have also been installed, and a Hobbs' buzz planer and joiner. A Hobbs' surface planer and Hobbs' double saw bench have recently been added to the equipment of this room, as well as an Oliver band saw.

In the blacksmith shop will be found the usual equipment, including six forges with forced draft, anvils, heavy shears for cutting iron, machine lathes, emery wheels, etc.

Plans are being made for a new building to contain the blacksmith shop and a foundry.

OUTLINE OF COURSES

FIRST YEAR

	Points
*Psychology and Educational Psychology	3
*English	3
Study of Materials, Tools and Methods	2
Woodwork	2
Printing I and II	2

*Given in Teachers College.

Mechanical Drawing	1
Freehand Drawing	1
Wood Turning	2
Mathematics	3

SECOND YEAR

	Points
*History of Education	3
Pattern Making	1
Costs and Plans of Equipment	1
Forging	1
Machine Design, Elementary	3
Theory and Practice of Teaching Manual Arts	1
Mathematics	3
Foundry	1
Machine Shop	2
Printing III	2

DESCRIPTION OF COURSES

WOODWORKING.

This course embraces a series of progressive exercises outlined by blue prints; the use and care of the different tools, etc. In the second semester, the application of the principles of the joints made in the first semester is shown in the construction of useful articles in furniture, and also in building construction. Two hours a week are devoted to talks on the identification of the common woods, and wood technology.

STUDY OF MATERIALS, TOOLS AND METHODS.

The course consists of lectures, recitations and assigned readings on the methods and equipment used in the modern Manual Training schools.

WOOD TURNING.

The course consists of a series of progressive exercises of teaching the student the use and care of wood turning tools, and lathe work. Exercises involving the various methods of turning between centers,

*Given in Teachers College.

face plate, and chuck work. In the second semester, the work includes a series of advanced exercises in carpentry and joinery suitable for high schools and normal schools. Original projects designed and executed by the student. Prerequisite, Woodwork. Text: Resides & Diemer.

Costs and Plans of Equipment.

Lectures and required readings, related to high school equipment.

Drawing of plans of rooms and estimating cost of equipment.

Forging.

Care of the forge fire, heating, drawing out, bending, upsetting, heading, swagging, simple welding, elementary work in steel.

Foundry.

Moulding and casting of patterns, the casting being done in soft metal.

Theory and Practice of Teaching Manual Arts.

A course of lectures and recitations with practical demonstrations.

Machine Design, Elementary.

See Mechanical Drawing II, under Mechanical Engineering.

Mechanical Drawing I.

See courses in Civil Engineering.

Freehand Drawing.

Expressing simple forms by lines; drawing of geometrical figures; study of the position and proportion of figures; freehand and mechanical perspective; object drawing and shading from models.

HOME ECONOMICS

EQUIPMENT

The equipment of the departments of Domestic Science and Domestic Art is practical. All articles and utensils are such as can be used in any home, and at the same time offer incentive to the betterment of home conditions. It also supplies sufficient means for experimenting with new materials and devices, so that the information obtained may be passed on to the housekeeper and the lower schools.

The departments of Domestic Science and Domestic Art are situated on the third floor of the Manual Arts and Applied Sciences building and consist of a large, well ventilated, and well lighted work room or kitchen laboratory, supplied with individual equipment for instruction in Foods and Cookery, and a complete laboratory table for Chemistry of Foods analysis. Adjoining the kitchen is a butler's pantry and dining room with equipment for serving breakfasts, luncheons, and coursed dinners.

The Laundry Laboratory is equipped with the latest modern devices consisting of stationary tubs, boilers, electric irons and a laboratory for testing and experimenting. Adjoining these rooms is a lecture room used in both departments.

The Domestic Art Studio is a large, sunny and well ventilated room, equipped with sewing machines, dress forms, drafting and sewing tables for garment making and dressmaking, and devices for basketry, weaving and allied courses.

OUTLINE OF COURSES

DOMESTIC SCIENCE

FRESHMAN YEAR

First Semester		Second Semester	
Physiology	3 hours	Physiology	3 hours
English I	3 "	English I	3 "
Psychology	3 "	Child Study	3 "
Chemistry I	3 "	Chemistry I	3 "
Foods and Cookery	2 "	Foods and Cookery	2 "
Nutrition	2 "	Nutrition	2 "
Hand and Machine Sewing	1 "	Food Production and Manufacture	2 "
Sewing Models	½ "	Physical Training	
Physical Training			

In the second semester, two year students substitute the following courses for Physiology and Chemistry I.

Shelter	1 hour
Hand and Machine Sewing	1 "
Basketry	1 "

SOPHOMORE YEAR

First Semester		Second Semester	
History of Education	3 hours	History of Education	3 hours
Principles of Education	3 "	Elementary Education	3 "
English II	2 "	English II	3 "
Microbiology	1 "	Chemistry of Foods	1 "
Foods and Cookery	2 "	Home Nursing, First Aid, Invalid Cookery	1½ "
Theory of Domestic Science	1 "	Care of Children, Infant Cookery	1½ "
Practice Teaching		Serving	1 "
Dietetics	1 "	Practice Teaching	
Laundry	1 "	Advanced Dressmaking	1 "
Needlework	½ "	Millinery and Embroidery	1 "
Dressmaking	1 "	Physical Training	
Physical Training			

JUNIOR YEAR

English or French	3 hours	English or French	3 "
Principles of Education	3 "	Principles of Teaching	3 "
Economics	3 "	Chemistry II	3 "
Chemistry II	3 "	Economics	3 "
Demonstration Cookery	1½ "	Foods and Cookery	1 "
Household Economics	1 "	Institutional Cookery	1½ "
Freehand Drawing	1 "	Advanced Serving	1 "
Art Needlework	1 "	Sex Hygiene	1 "
Crocheting and Knitting	1 "	Dressmaking	1 "
Physical Training		History of Textiles	1 "
		Physical Training	

SENIOR YEAR

Secondary Education	3 hours	Elementary Education	3 hours
French	3 "	French	3 "
Physics I	3 "	Physics I	3 "
Experimental Cookery	1 "	Advanced Serving	1 "
Food Production and Manufacture	2 "	Practice Teaching	
Laundry	1 "	Home Management	1 "
History of Cookery	1 "	Home Decoration	1 "
Shelter	1 "	Costume Design	½ "
Practice Teaching		General Weaving	1 "
General Weaving	1 "	Advanced Dietetics	
History of Costume	1 "	Physical Training	
Physical Training		Electives	
		Practical Institutional Management	2 "
		Practical Dietetic Work	2 "

DESCRIPTION OF COURSES

DOMESTIC SCIENCE

DOMESTIC SCIENCE I.

This course includes a study of the body, its composition, its demands, the need for obedience to natural laws, means of heeding these laws through the careful selection, preparation and serving of foods and through general hygienic living, the acquaintance with and care of a model household equipment, the economic use of material, of time, and of energy.

DOMESTIC SCIENCE II.

This course covers acquaintance with the house in general: its equipment as adapted to modern conditions, its arrangement and care; sanitation, personal and general; first-aid in emergencies; the classification of foods; principles underlying the cookery and use of proteins, carbohydrates and fats; combining foods; menu-making and the preparation of meals; prevention of waste; reducing the cost of food; the purchasing, storage and preservation of foods.

Courses I and II are especially designed to meet the requirements of students in the Academy, and require two hours each week throughout the year.

Parallel courses recommended are Elementary Chemistry, Biology, Physiology, and Physics.

III. (a). Foods and Cookery.

This is a broad, strong foundation-course whose purpose is to give a general acquaintance, on a scientific basis, with the principles underlying the preparation of foods and the technique involved. The course includes a study of the selection, preparation and use of foods; tests of laws regulating food-sanitation; weights and measures; fuels, utensils and apparatus. It demands a minimum of four laboratory hours per week and is required of all candidates for Home Economics degrees, diplomas, and certificates. Text: Synder's Human Foods.

III. (b). Menus and Dietaries.

A study of the food-principles and their combination with reference to the requirements of age, sex, occupation, physical and physiological conditions, climatic surroundings, esthetics; planning suitable food for individuals and groups, for all conditions and occasions; regulating the cost of food; economy of time, labor, expense. This course will also offer special training for all who wish to become Dietetians and will provide practice work as well. Lecture, laboratory, and quiz. Two hours a week required for those to become trained Dietetians; for all others, one hour a week.

III. (c). Invalid Cookery.

On the foundation of III (a), this course covers the preparation and service of food for the sick and convalescent, particularly in the home. Lectures in general home-nursing and demonstrations covering first-aid in emergencies alternate with the laboratory work. Two hours weekly.

III. (d). Demonstration Cookery.

The aim of this course is to give students the sort of practical experience that develops certainty and ease of method for the classroom, lecture-platform, or other demonstration work. Careful choice of subject, arrangement of material and equipment, general appearance and other psychological phases of domestic science teaching are noted. Two hours per week. Required of all candidates for degrees.

III. (e). Institutional Cookery.

This course considers the handling of material in large quantities, as in preparing meals for boarding-schools, hospitals, etc. The school lunch problem is here considered, with practice training.

III. (f). Experimental Cookery.

This is an advanced course in the preparation of foods and includes a careful comparative study of materials and processes and the development of satisfactory recipes and methods therefrom. Prerequisite, III (a). Two hours weekly.

III. (g). Serving.

This course aims to train women to be efficient, practical workers in the home. In the first course, it covers table-laying; laundering of linen; suitable dress; serving of breakfast, luncheon, five o'clock tea, and dinner; preparation of beverages, salads and desserts; care of dining-room, tables, candelabra, silver, and china.

III. (h). Laundry.

Treatment of hard water; choice of starch, bluing and soap; removal of stains; cleaning of laces and colored embroideries; laundering of bed and body linen, shirts, collars, flannels and table linen.

IV. Food Production and Manufacture.

The purpose of this course is to acquaint students with the sources of foods and of the processes involved in preparing them for the consumer. It covers a study of farm-products of all climes, of live-stock, butchering and dairying; of the manufacture of animal and vegetable products and their preservation and adulteration. Lecture and reading course.

V. Nutrition.

A lecture course involving a study of the food-principles and their digestion, absorption, and assimilation in the healthy body; a consideration of the kinds and amount of food required; dietary standards; the calorimeter.

VI. Shelter.

The house;—history of its development; its foundation, architectural style, plan, convenience, sanitary condition, equipment, care, administration. Lecture and reading course.

VII. Elementary Food Chemistry.

This course covers a series of lectures and of about seventy experiments in which food-principles are isolated from market-products, and both household and laboratory tests (chiefly qualitative) applied. A few of the topics are; water, milk, eggs, flour, baking-powders, fats, and oils; characteristic reactions of food-stuffs.

VIII. (a). Theory of Teaching Domestic Science.

VIII. (b). Practice-Teaching.

IX. (a) The History of Cookery.

IX. (b) Practice-Teaching (Advanced).

X. Care of Children and Infant Diet.

Applied Biology.

This course aims to select from the fields of Botany, Zoology, and Human Physiology the essential materials and facts which may find application in the daily life of the average intelligent citizen. Biology as applied to food, to clothing, to agriculture, and to health and disease will be emphasized. Four hours (two double periods) per week throughout the year.

Bigelow's Applied Biology will be used as a guide.

Economic Microbiology.

This course is designed to give the pupil a larger acquaintance with structure, life history, and economic importance of micro-organisms which affect our daily lives, such as bacteria, yeasts, moulds, and other fungi of the home and home environment. It will consider the relation of micro-organisms to the industries on vinegar-making, dairying, agriculture, preservation of food, as well as the problem of health and disease.

One double period for one semester. Buchanan's Household Bacteriology will be used as a text.

Physiology and Hygiene.

See description under Teachers College.

SEX HYGIENE.

This course deals with the origin, meaning, and evolution of sex in organic life. Plant material will be used for illustration. It will also give the pupil the correct attitude towards such present day problems as Eugenics, Social Hygiene, and Infant Mortality.

Offered to Seniors who have taken Applied Biology or its equivalent. Lectures and assigned readings, one hour per week for one semester.

OUTLINE OF COURSES

DOMESTIC ART

FRESHMAN YEAR

English	3 hours	English	3 hours
Psychology	3 "	Child Study	3 "
Physiology	3 "	Physiology	3 "
Hand and Machine Sewing	2 "	Hand and Machine Sewing	2 "
Model Work	½ "	Art Needlework	3 "
Basketry	2 "	Basketry	1 "
History and Chemistry of Textiles	1½ "	Drafting	1 "
Freehand Drawing	1 "	Foods and Cookery	1 "
Foods and Cookery	1 "	Nutrition	1 "
Nutrition	1 "	Physical Training	
Physical Training			

SOPHOMORE YEAR

English II	3 hours	English II	3 hours
History of Education	3 "	History of Education	3 "
Principles of Education	3 "	Elementary Education	3 "
Dressmaking	2 "	Dressmaking	2 "
Embroidery	1 "	Embroidery	1 "
Millinery	1 "	Millinery	1 "
History of Costume	1 "	Costume Design	1½ "
Weaving	1 "	Practice Teaching	
Theory of Domestic Art	1 "	Weaving	1 "
Practice Teaching	1 "	Serving	1 "
Laundry	1 "	Home Nursing, First Aid, Invalid Cookery	1½ "
Theory of Domestic Science	1 "	Physical Training	
Physical Training			

JUNIOR YEAR

English or French	3 "	English or French	3 hours
Economics	3 "	Principles of Teaching	3 "
Principles of Education	3 "	Economics	3 "
Dressmaking and Tailoring	2 hours	Textiles	1 hour
Advanced Needlework, Crocheting and Knitting	1 "	Dressmaking and Tailoring	2 "
Chemistry	3 "	Advanced Needlework, Crocheting and Knitting	1 "
Household Economics	1 "	Chemistry	3 "
Foods and Cookery	2 "	Sex Hygiene	1 "
Physical Training		Physical Training	

SENIOR YEAR

French	3 hours	French	3 hours
Secondary Education	3 "	Elementary Education	3 "
Chemistry II	3 "	Advanced Costume Design	½ "
History of Costume Design	1 "	Millinery	1 "
Tailoring and Tailoring Demonstration	2 "	Advanced Practical Teaching	
Embroidery, Crocheting and Knitting	1 "	General Weaving	1 "
General Weaving	1 "	Chemistry II	3 "
History of Cookery	1 "	Tailoring and Tailoring Demonstration	2 "
Experimental Cookery	1 "	Home Decoration and Management	2 "
Senior Practice Teaching		Dietetics	1 "
Physical Training		Advanced Embroidery, Crocheting and Knitting	1 "
		Physical Training	

Two year students take the work of the Freshman and Sophomore years.

The number of hours given above represent credit hours, not actual hours of work.

DESCRIPTION OF COURSES

DOMESTIC ART

I. PLAIN SEWING.

Instruction in simple needle-work; stitches and their uses; care of the sewing machine and the attachments; the making of underwear and the study, as to suitability, cost and durability, of textiles appropriate for this purpose. For recreation and to awaken artistic interest, basketry and the elements of embroidery are taught in intervals between the making of required garments. Two hours per week. This course is required of Juniors in the Academy, and is open to other persons without a knowledge of sewing.

II.

A continuation of course I, which covers the planning, cutting, fitting, making and trimming of simple unlined outer garments from patterns and drafts. A short course in Millinery furnishes the desired variety here. Textile-study is continued, and color combination taught. Two hours per week required of students of the Sub-Middle class.

III. (a). and III. (b). MACHINE SEWING AND ELEMENTARY DRESSMAKING.

This course covers the designing and making (from bought and drafted patterns) of all kinds of under-garments, shirtwaist-suits of cotton and linen goods, unlined dresses of wash-goods, soft wool and silk, with a careful selection of the material chosen and the combination for trimming. Required of all candidates for certificates and open to other persons who can present evidence of ability to do the required work. Three hours per week throughout the year.

IV. MODEL WORK.

This includes a course in the making of models of the various steps in sewing, to be preserved as illustration material for teaching. One hour per week, first semester.

V. (a). and (b). ART NEEDLEWORK.

Embroidery and drawn work; application of ornamental stitches to articles of personal and household use; the ornamentation of gowns, and their accessories; marking household linens; crocheting

and knitting in wool, cotton, linen, and silk thread; the study of webs and laces, and the copying of certain approved designs. Two hours per week.

VI. (a), (b) and (c). Basketry and Weaving.

This course consists of the making of rattan, reed, rush, raffia, sweet grass, and splint baskets; study of materials used; rug weaving. Two hours per week.

VII. History and Chemistry of Textiles.

The study of fabrics with their origin and development through art and industries of primitive people; study of spinning, weaving, modern methods of manufacture, dyeing, testing fibres, durability, comparative costs, uses. Two hours per week, first semester.

VIII. Drafting and Pattern Making.

This course includes practice in taking measurements, drafting, draping, and making of patterns. Through it the students learn form of the body and the way patterns are made. The alteration of any pattern so as to conform it to different figures or to changing styles. Two hours per week, second semester.

IX. Advanced Dressmaking.

The making of lingerie and silk waists and lined evening dresses from original designs and drafts. Four hours per week, first semester. Prerequisites, Domestic Arts III, IV and V (a).

X. Tailoring and Tailoring Demonstration.

The making of tailored dresses and suits. This course also provides an opportunity for the student to present in a public way, problems in tailoring. Four hours per week. Prerequisites, Domestic Art IX (a).

XI. (a) and (b). Millinery.

This course includes the making and covering of wire and buckram frames; the choice and combination of colors; the preparation of trimmings; renovating of material; trimming and finishing of hats; flower making. Two hours per week.

XII. History of Costume.

Study of historic costume, and its relation to modern dress standards of beauty; of practicability.

XIII. Costume Design.

A study of line, proportion, form and color in gowns, and their relation to individuals; considerations of cost and appropriateness.

XIV. Drawing.

The purpose of this course is to enable students to see objects in their right proporiton. Pencil drawing of fruits, vegetables, and household furnishings; diagrams for stenciling. Two hours per week, first semester.

XV. Theory of Teaching Domestic Art.

A course of lectures and recitations.

XVI. Practice Teaching.

This experience is obtained in the Academy classes of the University.

COURSES FOR THE ACADEMY

All students in the Junior and Sub-Middle years of the Academy are required by the trustees to give four hours each week to Manual Training, not however, for the purpose of learning a trade, but for its value in a general education. For boys, two hours are devoted to Drawing, and two hours to Woodworking, Forging, or Printing. For girls, two hours are given in Domestic Science and two in Domestic Art.

The Faculties of the Academy and the School of Manual Arts and Applied Sciences jointly are planning vocational courses in Domestic Science and Domestic Art, to be offered to Academy students. These courses will be of four years' duration, and will be equivalent in standards to other courses of equal duration given in the Academy. A student who has honorably completed the work of one of these vocational courses is eligible for graduation with certificate. For further information, address Professor Charles S. Syphax, Dean of the Academy, Howard University.

PRINTING

The University Printing Office is on a modern basis and provides an excellent training school for those who wish to learn printing as a profession. The printing business is one of the oldest and best industries in the country; from the days of Benjamin Franklin down to the present it has been an industry whose progress and development have meant much to the growth of our nation. Skilful workmen are absolutely necessary in the modern printing office. The exacting demand of the public for a continually higher grade of work make it necessary that not only the mechanical equipment of our establishment must be of the best but far more necessary that the workmen themselves be carefully trained in the work to be performed.

This demand for expert workmen has very naturally compelled employing printers to give greater heed to the training of the apprentice.

It is a certainty that a trade-school properly equipped, and under the personal guidance of a competent instructor will lay a better foundation for the future workman and do it in a much shorter time than can be accomplished in any other way.

This purpose is realized by a general and basic instruction in those things which each year it is becoming more difficult for an apprentice to obtain in the restricted and specialized conditions of the modern workshop. The course of study includes:

Printing I.

The study of type; including roman and display types of various styles; its composition, features and value. General study of the principles and methods of materials and their usage. Actual work in straight composition.

Printing II.

Commercial and advertising composition, platen presswork and the study of machinery pertaining to printing. This course is designed with the idea of aiding students who are desirous of furthering their knowledge in printing toward taking up the work as a profession. It is a combination of theoretical and practical instruction.

PRINTING III.

Book composition, stone work and cylinder presswork; cost system and study of paper. This is an advanced course designed principally for students who have passed courses I and II.

The School is supplied with platen presses, Golding "Jobber No. 9," Chandler and Price press, and an Optimus press, an Acme power cutter, roman and display types of various styles, leads, brass rules, borders, initial letters, typographical ornaments, and the customary furniture, material and tools of a modern printing office, selected with special reference to the requirements.

For further information concerning this department, address Chester A. Lyle, Instructor.

APPLIED SCIENCES

CIVIL ENGINEERING, MECHANICAL ENGINEERING, AND ELECTRICAL ENGINEERING

Students completing the course in Civil Engineering, Mechanical Engineering, or Electrical Engineering will receive the degree of Bachelor of Science in Engineering. Upon the completion of two years of subsequent graduate studies, consisting of prescribed courses and research approved by the Faculty, in Civil Engineering, Mechanical Engineering, and Electrical Engineering, the degree of C. E., M. E., and E. E., respectively will be conferred.

EQUIPMENT

The new Manual Arts and Applied Sciences building contains on the third floor two large engineering lecture rooms. The engineering laboratories, as well as the large general drafting rooms, are in the basement.

The testing laboratories contain a 100,000 lb. motor driven Riehle testing machine for extension, compression, traverse and shearing tests; a vertical steam engine; an Otto gas engine; a Riehle cement tester; cement and sand sieves; balances, apparatus for indenting and specific gravity determination, moulds and clamps for briquette work, tanks for keeping same under water, ovens for drying and boiling specimens, etc. Through the courtesy of the United States Geological Survey the equipment for civil engineering work is most complete, including planimeters, scales, slide rules, drafting sets, sextants, blue

print apparatus, aneroid barometers, leveling rods, steel tapes, several plane table boards, several levels, including a Berger 15 second dumpy level, an 11 second micrometer theodolite; one Young and Sons solar transit; one Gurley complete transit; several sight and telescopic alidades, compasses, etc.

The electrical engineering laboratories are in the basement and on the second floor of Science Hall, including private laboratories and workshop, storage battery room, photometer room, a large well-lighted dynamo room adjoining the storage battery room, and a laboratory with concrete piers for accurate electrical measurements. The present equipment includes standards of resistance, inductance, and capacity; D'Arsonval and Ballistic galvanometers, direct and alternating ammeters and voltmeters, Siemnes' and Halske potentiometer and electrodynamometer, Thompson electrostatic voltmeter and electric balances, sechometer, magnetometers, wheatstone and slide wire bridges, bank resistances, etc.

In the dynamo room a 10 K. W. Rotary Converter has been installed. This is run as an inverted Converter on the 220 volt direct current supplied by the University power plant and furnishes alternating current of various phases for laboratory and testing work; also to run a 10 H. P. and two 5 H. P. induction motors. A direct current shunt generator is belted to the converter. When this is run as a motor, the Converter can be brought up to its indicated speed and delivers both alternating and direct current. A small compound direct current generator has also been installed as well as a 3 K. W. transformer. Recently a 10 H. P. compound motor has been belted to the Converter. This can be used to run the Converter or can be run as a direct current shunt or compound generator using the converter as a motor. Separate fields can be used so that this may also be used as a series generator or motor. A small alternator with rotating fields will be in place at an early date. Two large lamp banks are used for loading the generators and two switch boards, supplies with D. C. and A. C. ammeters, voltmeters, and wattmeters facilitate the regular tests made on electrical machinery before leaving the factory.

This laboratory is also equipped with a large motor driven drill press, a machine lathe, and a standard motor head, wood lathe, etc.

The forge shop, lathes, and wood working department are open to engineering students. The large central heating, lighting and power plant of the University, constructed at an estimated cost of $80,000, is

equipped with the most modern machinery, and is one of the most important factors in the training of engineers. This furnishes facilities for running steam and electrical machinery tests on a much larger scale than would be possible under ordinary conditions. Recently the whole heating system of the University has been modernized and is available at all times for study and testing purposes.

GENERAL INFORMATION

The work for the Freshman year is the same for all engineering students. Three hours of laboratory, drafting or field work count as one hour of lecture or recitation work. For each course including laboratory, drafting, or field work, a fee of $2.00 is charged to cover the cost of material. Each student supplies his own drafting instruments. Drawing paper is furnished by the University. As an effort is made to have the student secure such text-books and instruments as will be of use to him later in professional life, the cost of these books and instruments will be somewhat high, and the student should come prepared to meet this extra expense. The approximate cost of books and instruments will be about $25.00 a year.

OUTLINE OF COURSES

Civil Engineering

FRESHMAN YEAR

First Semester		Second Semester	
*Mathematics I (a)	3 hours	*Mathematics II (a)	3 "
*Mathematics I (b)	3 "	*Physics I	3 "
*Physics I	3 "	*Mathematics II (b)	3 "
*French I or German I	3 "	*French I or German I	3 "
*English I	3 "	*English I	3 "
*Chemistry I	3 "	*Chemistry I	3 "
Mechanical Drawing I	3 "	Descriptive Geometry	3 "

*Given in the College of Arts and Sciences.

SOPHOMORE YEAR

First Semester		Second Semester	
*Mathematics III (a)	6 hours	*Mathematics III (b)	6 hours
*Physics II	3 "	*Physics II	3 "
Elementary Surveying	3 "	Advanced Surveying	3 "
*Geology I	3 "	*Chemistry II	3 "
*Chemistry II	3 "	Topographical Drawing	3 "

JUNIOR YEAR

First Semester		Second Semester	
Railroads	3 hours	Railroads	3 hours
Mechanics of Engineering	6 "	Mechanics of Enginering	6 "
*Economics	3 "	*Economics	3 "
Materials of Construction	4 "	Hydraulics	3 "
Roads and Pavements	2 "	Sanitary Engineering	3 "

SENIOR YEAR

First Semester		Second Semester	
Bridge Stresses	3 hours	Bridge Design	4 hours
Structural Details	2 "	Irrigation Engineering	4 "
Water Supply	4 "	Specifications and Contracts	3 "
Thermodynamics	3 "	Electives	4 "
Dynamo Electric Machinery	3 "	Thesis	3 "
Reinforced Concrete Construction	3 "		

MECHANICAL ENGINEERING

SOPHOMORE YEAR

First Semester		Second Semester	
*Mathematics III (a)	6 hours	*Mathematics III (b)	3 hours
*Physics II	3 "	*Physics II	3 "
Mechanical Drawing II	3 "	Mechanical Drawing II	3 "
Mechanism	2 "	Mechanism and Valve Gears	2 "
Forging	1 "	Foundry	1 "
*Chemistry II	3 "	*Chemistry II	3 "

*Given in the College of Arts and Sciences.

JUNIOR YEAR

First Semester		Second Semester	
Mechanics of Engineering	6 hours	Mechanics of Engineering	6 hours
Thermodynamics	3 "	Heat Power Engineering	3 "
Machine Design	3 "	Machine Design	3 "
Pattern Making	2 "	Machine Shop	2 "
Materials of Construction	4 "	Engineering Laboratory	2 "
		Industrial Management	2 "

SENIOR YEAR

First Semester		Second Semester	
Machine Shop	2 hours	Hydraulics	3 hours
Dynamo Electric Machinery	3 "	Alternating Current Theory	3 "
Engineering Design	3 "	Engineering Design	3 "
Engineering Laboratory	2 "	Enginering Laboratory	3 "
*Economics	3 "	*Economics	3 "
Elementary Surveying	3 "	Steel Buildings	4 "
Metallurgy	1 "		

ELECTRICAL ENGINEERING

SOPHOMORE YEAR

Same as for Mechanical Engineering.

JUNIOR YEAR

First Semester		Second Semester	
Dynamo Electric Machinery	3 hours	A. C. Theory	3 hours
E. E. Laboratory	2 "	Mechanics of Engineering	6 "
Mechanics of Engineering	6 "	Machine Design and Drawing	2 "
Machine Design and Drawing	2 "	*Economics	3 "
*Economics	3 "	Machine Shop	2 "
Pattern Making	2 "		

*Given in College of Arts and Sciences.

SENIOR YEAR

First Semester		Second Semester	
A. C. Machinery	3 hours	A. C. Machinery	3 hours
E. E. Design	3 "	E. E. Design	3 "
E. E. Laboratory	2 "	E. E. Laboratory	2 "
General Electrical Engineering	3 "	General Electrical Engineering	3 "
Electric Wiring of Buildings	2 "	Hydraulics	3 "
Inspection Visits and Reports	1 "	Thesis	4 "
Thermodynamics	3 "		

DESCRIPTION OF COURSES

Civil Engineering

Mechanical Drawing I.

Freshman: First term, credit three hours. Nine hours of drawing a week. Use of instruments; drawing of geometric figures in isometric, cabinet, and orthographic projection. Shading is taught for a two-fold object, viz.: effect on the drawing, and preparation for Descriptive Geometry. Considerable attention is given to lettering.

Descriptive Geometry.

Freshmen: Second term, credit three hours. Nine hours of drawing a week. This course covers the orthographic projection of points, lines, warped surfaces, etc., in the four angles of projection. Care is exercised to train the student to handle the figures in space rather than on the drawing, at the same time securing correct execution of the drawing.

Elementary Surveying.

Sophomores: First term, credit three hours. Instruction is given in the theory of surveying, and in the theory and use and adjustment of the compass, level, transit, plane table, and sextant. The field work includes pacing and chaining surveys; compass and transit traverses; measurement of angles by repetition; differential, profile, and contour levelling; traverses with the plane table, etc. Maps and reports are required.

ADVANCED SURVEYING.

Sophomores: Second term, credit three hours. Prerequisite, Elementary Surveying. City, topographic hydrographic, mine, and geodetic, surveying, and field astronomy. Precise measurements; surveys of the United States Public Lands; soundings and stream measurements; subterraneum surveys; measurements of volumes; triangulation; base lines; precise levelling; field determinations of azimuth, time, and latitude.

TOPOGRAPHICAL DRAWING.

Sophomores: Second term, credit three hours. Prerequisite, Mechanical Drawing I and Descriptive Geometry. Detail and dimension drawing, which includes tracing of typical dimension drawings, and making detail drawing from sketches, models, etc. Topographical signs, which includes practice in the different kinds of standard topographic signs for mapping. Lettering, which includes a study of and practice in different styles of letters, and their combination into appropriate titles.

RAILROADS.

Juniors: Throughout the year, credit for three hours a term. Prerequisite, Elementary and Advanced Surveying. Recitation and field work in simple curves, transition curves, earthwork, switches, frogs, etc. Recitations on track, rolling stock, economics of railroad location, etc.

MECHANICS OF ENGINEERING.

Juniors: Throughout the year, credit three hours a term. Prerequisites, Differential and Integral Calculus. Theoretical and applied mechanics, including statics, kinetics, and mechanics of materials; resolutions, composition, and equilibrium of forces; statics of rigid bodies, cords and structures; center of gravity and moment of inertia; composition and resolution of displacements; velocities, and accelerations; Newton's Laws; fundamental equations for motion; retilinear and curvilinear motion of a particle and of rigid bodies; motion diagrams; work, energy, and power, with applications to machines; impact; friction; graphical statics of structures and mechanisms; stress and strain; strength and elastic properties of material in tension, compression, and shearing; torsion; bending moment, safe loading, deflection, and resilience in simple and continuous beams; non-prismatic beams; combined

bending and torsion; eccentric loading; curved bars and hooks; columns; problems showing application of principles of mechanics in engineering design.

Materials of Construction.

Juniors: First term, credit four hours. Two recitations and two laboratory periods a week. To be taken with or after Mechanics of Engineering. The materials studied are: lime, cement, stone, brick, sand, timber, ores, cast iron, wrought iron, steel, and some of the minor metals and alloys. The chemical and physical properties, uses, methods of manufacture, methods of testing, and unit stresses of each material are considered, particular stress being laid on those points of importance to the engineer. The laboratory work consists of experimental determination of the properties of the materials studied in the classroom.

Roads and Pavements.

Juniors: First term, credit two hours. Prerequisite, Elementary Surveying. Work consists of an examination of the prevailing methods of construction and maintenance of roads and pavements.

Sanitary Engineering.

Juniors: Second term, credit three hours. To be taken with or after Hydraulics. The design and construction of sewerage systems, including separate and combined systems; surveys and plans; determination of size and capacity; construction; and modern methods of sewage disposal.

Hydraulics.

Juniors: Second term, credit three hours. Prerequisite, Mechanics of Engineering, first term. A study of the weight and pressure of water; head; center of pressure; velocity and discharge through orifices, tubes, nozzles, pipes, hose, weirs, conduits, canals, and rivers; meters and measurements; motors, turbines, and water wheels; water power.

Bridge Stresses.

Seniors: First term, credit three hours. Prerequisite, Mechanics of Engineering. Stresses due to dead, live, and wind loads, initial tension,

and impact; panel loads and locomotive axle loads; determination of the position of live loading for greatest stresses; maximum and minimum stresses. Both analytic and graphic methods are used. The principal types of simple trusses employed in modern construction are considered, in many cases, both with and without counterbalancing. The solution of many numerical problems forms a prominent part of the classwork. Each student is required to compute all the stresses in the main trusses and lateral bracing for a Pratt truss railroad bridge, which is to be designed subsequently.

Structural Details.

Seniors: First term, credit two hours. Six hours of computation and drawing a week. Prerequisite, Mechanics of Engineering. The work includes complete detail designs and working drawings of wooden joints to resist large tensile tresses, and of a wooden roof truss for given specifications. The object of the course is to show how to apply the principles of mechanics to the design of every detail of the simple structure named, and to study the forms and strength of joints and fastenings used in heavy framing. The computations required are to be arranged in systematic order in the form of reports.

Bridge Design.

Seniors: Second term, credit four hours. Prerequisite, Bridge Stresses. Computations and drawing for the complete design of a riveted railroad bridge of six or seven panels, the stresses for which were computed in connection with the course of Bridge Stresses. The computations to determine the section of all members and of pin plates, splices, and other details as well as of connecting rivets, are to be written up in the form of systematically arranged reports. The drawings consist of general detail plans showing the location of all rivets as well as the composition and relation of all members and connections. The final report is to give a full list of shapes and plates, and a classified analysis of weight for the span.

Water Supply.

Seniors: First term, credit four hours. Three recitations and one computing period per week. Prerequisites, Hydraulics and Sanitary Engineering. The work consists of a study of the preliminary inves-

tigations for determining the available supply of water from a drainage basin, methods of stream gauging, ground water resources, etc. The work also includes methods of development, structures, and working conditions, fire protection, and pumping. Several extensive problems are worked.

Irrigation Engineering.

Seniors: Second term, credit four hours. Two recitations and two computing periods a week. Prerequisite, Water Supply. The course is largely devoted to a study of the storage and conveyance of water, entering into a detailed examination of the methods, and structures used, their design, and construction with special reference to public water supplies; power, irrigation, and navigation. The economics of storage, cost of storage, manipulation of storage and pondage are also studied in several extensive problems.

Specifications and Contracts.

Seniors: Second term, credit three hours. Development of contract principles; agency, tort, and independent contractor; contracts of association, and of sale and transportation. Preparation of engineering contracts. Specifications and methods of studying them. Practice in writing and analyzing specifications.

Reinforced Concrete Construction.

Seniors: First term, credit three hours. Prerequisite, Mechanics of Engineering. The course includes the study of the following subjects: Properties of the material; general theory; tests of beams and columns; working stresses and general constructive details; formulæ, diagrams and tables; building construction; retaining walls and dams; miscellaneous structures.

Thermodynamics.

See Mechanical Engineering.

Dynamo Electric Machinery.

See Electrical Engineering.

ELECTIVES.

Water Power Engineering.
Steel Buildings.
Higher Structures.
Reinforced Concrete Arch.
Railroad Operation and Management.
Cost Keeping and Management.
Geodesy and Least Squares.
Advanced Mechanics.
Railroad Maintenance of Way.

MECHANICAL ENGINEERING

MECHANICAL DRAWING II.

Sophomores: Throughout the year, credit three hours a term. Nine hours of drawing a week. Prerequisites, Mechanical Drawing I and Descriptive Geometry. Application of the work of course Mechanical Drawing I to machine drawing in connection with empirical design; proportioning of machine details as fixed by practice in the modern shop. The course is intended to give a general understanding of working drawings of machinery. In addition, some training is given in lettering and in the solution of practical problems supplementary to the course in Mechanisms, such as problems in belting, design of cams, gear teeth, etc.

FORGING.

Sophomores: First term, credit one hour. Three hours of work a week. Care of the forge fire, heating, drawing out, bending, upsetting, heading, swagging, welding, tool-dressing, tempering, etc.

FOUNDRY.

Sophomores: Second term, credit one hour. Three hours of work a week. Instruction is given in the use of moulding machines, making two and three part green sand moulds, and making, baking, and setting cores. Castings are made in white metal for practice. Instruction is also given in the casting of iron and steel, foundry appliances and modern methods of production.

MECHANISMS.

Sophomores: Throughout the year, credit two hours a term. Prerequisite, Descriptive Geometry. Two lecture periods a week on the theory of mechanism, design of gear teeth and the theory and practice of designing valve gears for steam engines. This course is taken with Mechanical Drawing II.

THERMODYNAMICS.

Juniors: First term, credit three hours. Prerequisites, Physics II and Mechanism. This course consists of lectures and recitations on the principles of thermodynamics, properties of gases, flow of steam through nozzles, pipes, etc. Analysis of the various cycles used in heat engines.

MECHANICS OF ENGINEERING.

See Civil Engineering.

HEAT POWER ENGINEERING.

Juniors: Second term, credit three hours. Prerequisite, Thermodynamics. A continuation of Thermodynamics, showing the application of the principles of Thermodynamics as applied to steam, internal combustion engines and refrigerating machinery.

MACHINE DESIGN.

Juniors: Throughout the year, credit three hours a term. Nine hours of work a week. Prerequisites, Mechanics of Engineering Mechanisms, and Mechanical Drawing II. Drawing room problems in elementary Machine Design; selection of mechanism for specified work; determination of driving devices as based on work to be done. Proportioning of detail parts. The complete design of a gas engine, steam boiler, pump, air compressor, or special automatic machine is taken up in the second term.

PATTERN MAKING.

Juniors: First term, credit three hours. Nine hours of work a week. Prerequisite, Foundry. A graded course in the making of patterns, core boxes, etc., use of hand and woodworking tools.

MACHINE SHOP I.

Juniors: Second term, credit three hours. Nine hours of work a week. Prerequisites, Pattern Making and Foundry. A graded course in the mechanical processes where the tools are guided principally by hand, including chipping, filing, use of measuring instruments, etc.

MACHINE SHOP II.

Seniors: First term, credit three hours. Nine hours of work a week. Prerequisite, Machine Shop I. Mechanism of machine tools, centering, squaring, straight and taper turning, outside and inside screw cutting, chucking, reaming, finishing, polishing, drilling, tapping, grinding, etc.

MATERIALS OF CONSTRUCTION.

See Civil Engineering.

ELEMENTARY SURVEYING.

See Civil Engineering.

INDUSTRIAL MANAGEMENT.

Seniors: Second term, credit two hours. A study of the organization and relations of the various departments of industrial establishments both in the office and in the workshop.

DYNAMO ELECTRIC MACHINERY.

See Electrical Engineering.

STEEL BUILDINGS.

See Civil Engineering.

HYDRAULICS.

See Civil Engineering.

ENGINEERING DESIGN.

Seniors: Throughout the year, credit three hours a term. Eight hours of drawing and one lecture recitation hour a week. Prerequisites, Machine Design and Heat Power Engineering. The design of specifications of mills, factories, power plants, etc., including foundations, walls, floors, trusses, roofs and construction work in general; selecting and locating boilers and engines, arrangement of steam piping, etc.

Engineering Laboratory.

Seniors: Throughout the year, credit three hours a term. Prerequisite, Machine Design. This course consists of laboratory work and written reports of steam-gauge tests, heating values of coal, steam quality, measurement of feed water, efficiency tests of steam and gas engines, tests of boilers, etc. The preparation of the reports is considered an important part of the course.

ELECTRICAL ENGINEERING

Dynamo Electric Machinery.

Juniors: First term, credit three hours. Prerequisite, Physics II. A study of the fundamental principles of electricity and magnetism and their application to direct-current machinery.

Alternating Current Theory.

Juniors: Second term, credit three hours. Prerequisites, Dynamo Electrical Machinery, and Differential and Integral Calculus. A mathematical and graphical treatment of periodic functions as exemplified in alternating currents, as regards the phenomena of inductance and capacity, etc., singly and in combination.

Alternating Current Machinery I.

Seniors: First term, credit three hours. Prerequisite, A. C. Theory. A mathematical and graphical treatment of alternating current phenomena as applied to electrical machinery. All types of apparatus in good practice are taken up and studied.

Electrical Engineering Laboratory I.

Juniors: First term, credit two hours. To be taken with or after Dynamo Electric Machinery. This course is designed to furnish an experimental basis for the theory given in Dynamo Electric Machinery. It consists largely of tests on elementary direct current apparatus.

Machine Design and Drawing.

Juniors: Throughout the year, credit two hours each term. Pre(requisites, Mechanical Drawing I and II. This course is a continuation of the course Mechanical Drawing II, but is especially applied to the

design of small electrical apparatus. Lectures are given on the methods and material used. Designs are to be carried through completely both as to calculations and drawings.

Electrical Engineering Laboratory II.

Juniors: Second term, credit two hours. To be taken with or after A. C. Theory. Similar to E. E. Laboratory I in that it furnishes an experimental basis for A. C. Theory. Consists of tests on Alternating Current apparatus with special reference to the effect of inductance and capacity, singly or in combination.

Electrical Engineering Design I.

Seniors: First term, credit three hours. Prerequisite, Dynamo Electric Machinery. This course is designed to give the student practice in the application of the fundamental theory of electricity and magnetism to the calculation and proportioning of electrical machinery. Part of the time is given over to a study of the materials entering into electrical construction.

Electrical Engineering Design II.

Seniors: Second term, credit three hours. A continuation of E. E. Design I.

Electrical Engineering Laboratory III.

Seniors: First term, credit two hours. To be taken with or after A. C. Machinery I. Advanced direct and alternating current testing of generators, motors, transformer converters, etc., both commercial and for purposes of investigation.

Alternating Current Machinery II.

Seniors: Second term, credit three hours. A continuation of A. C. Machinery I.

Electrical Engineering Laboratory IV.

Seniors: Second term, credit two hours. A continuation of E. E. Laboratory III.

Telephony and Telegraphy.

Seniors: Elective, second term, credit two hours.

General Electrical Engineering I.

Seniors: First term, credit three hours. Prerequisite, A. C. Theory. A course covering the engineering and economic phases of the more special branches of Electrical Engineering; as electric traction, electric transmission of power, etc.

General Electrical Engineering II.

Seniors: Second term, credit three hours. A continuation of General Electrical Engineering I.

Electric Wiring of Buildings.

Seniors: First term, credit one hour. Prerequisites, Dynamo Electric Machinery and A. C. Theory. A course covering a study of the standard methods and materials used in the wiring of buildings, etc. Samples of electrical fittings, etc., are exhibited in the laboratory, where they may be examined by the student. Whenever possible, students are given a chance to get some practical experience by doing the actual work under proper supervision.

Inspection Visits and Reports.

Seniors: Electives second term, credit one hour. Frequent visits and inspections are made to the various plants, both electrical and mechanical, in this vicinity.

Thesis.

Seniors: Second term, credit four hours.

CONSERVATORY OF MUSIC

FACULTY

STEPHEN MORRELL NEWMAN, D. D., *President.*

LULU VERE CHILDERS, Mus. B., *Director, Instructor in Voice.*

Conservatory of Music—Oberlin, Ohio.

Pupil of William Shakespeare—London, England.

Sydney Lloyd Wrightson—Washington College of Music.

H. S. Deverse of Chicago Musical College.

ROY WILFRED TIBBS, Mus. B., *Instructor in Pianoforte and Organ.*

Conservatory of Music—Oberlin, Ohio.

Department of Music—Fisk University—Nashville, Tennessee.

CHARLOTTE BEATRICE LEWIS, *Instructor in History of Music and Pianoforte.*

New England Conservatory of Music.

JOSEPH HARRISON, *Instructor in Violin.*

Student of the Peabody Conservatory of Music.

Formerly with the Washington Symphony Orchestra.

The work of the Music Department of Howard University has grown in standard, excellence and success, until the time has come when it should take some definite name under which it can realize many of the great possibilities which lie before it. It will, therefore, be designated, hereafter, by vote of the Board of Trustees, as The Conservatory of Music of Howard University.

No student of music should go out into the world without having a thorough knowledge of great literature and of modern languages. The expressions of the spirit of man in music, art and literature are so related in themes as to make it necessary for students to be trained in all these subjects. Hence the advantage to music students of being in a great university. The aim of The Conservatory of Music of Howard

University is to train musicians with a breadth of liberal culture which cannot be found under most private studio teachers of music.

The finest teachers will be added to the Faculty as the increase of students and courses may make necessary.

ADMISSION

All persons, from beginners up to advanced students, will be admitted. The lower students are earnestly advised not to fail to combine certain literary courses with their work in music.

Before students can be admitted to courses leading to diplomas they must have completed a four years' high school course or its equivalent, thus meeting the requirements for admission to college. It is necessary for the successful study of music, that the above requirement be enforced.

DIPLOMA

A diploma will be given to the student who has finished a well defined course which will ordinarily take four years for completion. Such a student will be subject to the requirements stated above under the head of Admission.

COURSES FOR DIPLOMAS

VOCAL

LULU V. CHILDERS, MUS. B.

In voice building we adopt the best features of all methods. Good breath control and correct placing of tone are the leading features of technical drill. Two terms in the history of Music, in addition to the prescribed course in piano, will be required.

First Year: Principles of breathing as taught by Shakespeare, tone production, voice placing. Shakespeare Books I and II. Concone opus 11, vol. 294. Piano. French and German.

Second Year: Exercises in breathing tone production and voice placing continued. Shakespeare Book II—Concone opus 9, vol. 242, 244—Harmony, French and German, Piano.

Third Year: Shakespeare Book III. Concone opus 12, vol. 275. Panofka—opus 81—vol. 76—opus 85 vols. 295, 296—Oratorio and Songs —German and French Songs. Harmony—French, German, Piano.

Fourth Year: English, Italian and French Songs. Oratorio and Opera. Senior Recital.

PIANO

ROY W. TIBBS, *Mus. B.*

C. BEATRICE LEWIS, *Instructor.*

The work is wholly individual. On entering, students are placed in the grade for which they are best fitted. Advancement varies with the pupil, some completing more than one grade during the school year.

The course of study in this department includes:

I. Technical exercises, which are intended to give control of the muscles of fingers, hands and arms, making them responsive to the will.

II. Etudes by the best teachers and composers, which are designed to give further development to the executive powers, to bring about a finer relationship between the physical and intellectual faculties and to form a connecting link between purely technical work and the higher forms of musical expression.

III. Compositions by the best writers, both ancient and modern, ensemble playing, etc., for aesthetic development.

PRACTICE CLAVIER

The Practice Clavier has come to be recognized so generally as an important aid in securing a good technical development, in both piano and organ playing, that we have made ample provision for the use of this instrument, so far as it may be deemed advisable in the case of individual students.

VIOLIN

JOSEPH HARRISON.

In the Violin Course the modern Belgian or French style is taught. The great exponents of this school are Eugene Ysaye and César Thompson. This style is distinguished by grace and elegance of tone and by greater freedom in the use of the bow than was known to the older schools. The essentials of good violin playing are accurate intonation, an expressive and flexible tone, and a command of the art of bowing together with musicianly interpretation.

In the earlier grades the foundation is laid. The student is given simple exercises for the development of finger dexterity and for acquiring the fundamental bowings, scales, and short easy solos to train the interpretative sense. A thorough knowledge of the foundation work having been acquired, the study of the higher positions follows, further development in all the principles of the art of keeping pace with the position studies. More advanced technical studies are supplemented by solos, sonatas, and concertos.

Students are trained with the view of their becoming soloists or orchestral players, and opportunities for ensemble work will be extended to them when they have advanced sufficiently.

The following technical studies are used: Wichtl's and Keeley's Methods, Studies by Wohlfahrt, Kayser, Mazas, Kreutzer, Rode, Fiorillo, Gavinies, scales in two and three octaves with various bowings.

Solo works are used as follows: Seitz's Pupils' Concertos, Pleyel Sonatines, Danclas Airs Varies, Kreutzer's, Rode's, Viotti's and modern concertos, and solo pieces of various grades of difficulty.

THE THEORY COURSE

Theory 1.

Musical notation, keys, scales, signatures, intervals, the triad. Simple part writing from given basses and sopranos.

Theory 2.

Chords of the seventh. Simple modulations. Harmonizing choral melodies and figured basses. The harmonized scale, various cadences and the simpler modulations played at the piano.

Theory 3.

Harmonizing melodies which modulate. Advanced studies in secondary sevenths. Exercise in modulation at the piano, including transposition of the same into all keys.

Theory 4.

Chromatically altered chords, enharmonic changes, modulation in general. The progressions involved in the written exercises transposed into various keys at the piano.

Theory 5.

The suspension, retardation, appoggiatura, anticipation and passing tone, embellishment, pedal point, melodic figuration and accompaniment. Bach's figured chorals.

Theory 6.

Harmonic Analysis. Text-book: *Harmonic Analysis* by Lehmann. Also a review of harmony at the piano, all the exercises being played instead of written.

HISTORY OF MUSIC

The course covers the period from the beginning of the Christian era to the present, with an introduction on ancient and primitive music.

FOUR YEAR COURSES

It is desirable that Howard University should give definite classification to its highest music courses as early as practicable. The system, grades and credits, established at Oberlin Conservatory of Music have therefore been adopted, and are given below for each major study. This puts us upon a level with the best institutions in the United States, and gives our students a fine result to work for. The following tabulated statement shows the studies and credits for a student with a major in voice, piano, organ or violin. The number of hours of daily practice is the least number for which a student may expect to receive passing grades. Each course leads to the degree of Bachelor of Music.

VOICE

First Year				Second Year			
Voice—1 hr. dly, pract.	2	2	4	Voice—2 hrs. dly. pract.	4	4	8
Piano—3 hrs. dly. pract.	6	6	12	Piano—2 hrs. dly, pract.	4	4	8
Language Course	2	2	4	Language	2	2	4
Theory	3	3	6	Theory	3	3	6
*Electives	1	1	2	History of Music	3	3	6
				*Electives	1	1	2
			28				34

Third Year

Voice—2 hrs. dly. pract.	4	4	8
Piano—2 hrs. dly. pract.	4	4	8
Language	2	2	4
Theory	3	3	6
Choir & Musical Union, required	1	1	2
			28

Fourth Year

Voice—private lessons	6	6	12
Recital in Major Study			8
Choir & Musical Union, required	1	1	2
*Electives	4	4	8
			30

Total hours 120

PIANO

First Year

Piano—3 hrs. dly, pract.	6	6	12
2nd Study—Voice, Organ, Violin, etc., 1 hr. dly. pract.	2	2	4
Theory	3	3	6
*Electives	3	3	6
			28

Second Year

Piano—3 hrs. dly. pract.	6	6	12
2nd Study—1 hr. dly, prac.	2	2	4
Theory	3	3	6
History of Music	3	3	6
*Electives	1	1	2
			30

Third Year

Piano—3 hrs. dly, pract.	6	6	12
2nd Study—1 hr. dly.	2	2	4
Theory	3	3	6
*Electives	5	5	10
			32

Fourth Year

Piano—private lessons	6	6	12
Recital in major study			8
*Electives—4 hrs. of this if desired, a recital in 2nd Study			10
			30

Total hours 120

ORGAN

First Year

Organ—1 hr. dly. pract.	2	2	4
Piano—3 hrs. dly, pract.	6	6	12
Theory	3	3	6
*Electives	3	3	6
			28

Second Year

Organ—1 1-2 hr. dly. prac.	3	3	6
Piano—3 hrs. dly. pract.	4	4	8
Theory	3	3	6
History of Music	3	3	6
*Electives	1	1	2
			32

Third Year

Organ—2 hrs. dly. pract.	4	4	8
Piano—2 hrs. dly, pract.	4	4	8
Theory.	3	3	6
*Electives—preferably instrumentation for 6 hrs. of this	4	4	8
			30

Fourth Year

Organ—private lessons	6	6	12
Recital in Major Study			8
Theory	3	3	6
*Electives—Recital in 2nd Study if desired	2	2	4
			30
Total hours			120

VIOLIN

First Year

Violin—3 hrs. dly. pract.	6	6	12
Piano—1 hr. dly. pract.	2	2	4
Theory	3	3	6
Prep. Ensemble—2 hrs. a week	1	1	2
*Electives	3	3	6
			30

Second Year

Violin—3 hrs. dly. pract.	6	6	12
Piano—1 hr. dly. pract.	2	2	4
Theory	3	3	6
History of Music	3	3	6
Ensemble or Orchestra, required	1	1	2
			30

Third Year

Violin—private lessons	6	6	12
Piano—1 hr. dly. pract.	2	2	4
Theory	3	3	6
Orchestra—required	1	1	2
*Electives	3	3	6
			30

Fourth Year

Violin—private lessons	6	6	12
Recital in Major Study			8
Orchestra—required	1	1	2
*Electives—String quartet a part of this if possible	5	3	8
			30
Total			120

RATES OF TUITION

VOICE

Miss Childers

One lesson per week of thirty minutes$2.50 per month
Two lessons per week of thirty minutes each$5.00 per month

PIANO

Mr. Tibbs

One lesson per week of twenty minutes$2.50 per month
Two lessons per week of twenty minutes each$5.00 per month

Miss Lewis

One lesson per week of thirty minutes$2.50 per month
Two lessons per week of thirty minutes each$5.00 per month

ORGAN

Mr. Tibbs

One lesson per week of twenty minutes$2.50 per month
Two lessons per week of twenty minutes each$5.00 per month

VIOLIN

Mr. Harrison

One lesson per week of thirty minutes$2.50 per month
Two lessons per week of thirty minutes each$5.00 per month

HARMONY

Mr. Tibbs

Class Lessons—two per week$1.25 per month

HISTORY

Miss Lewis

Class Lessons—two per week$1.25 per month

EAR TRAINING

Mr. Tibbs

Class Lessons—two per week$1.25 per month

VOICE, PIANO, AND ORGAN FEES

1 Hour a day per year $1.25 per month
2 Hours a day per year $2.50 per month
Music Library fee $1.00 per year

UNIVERSITY MUSICAL ORGANIZATIONS

The Univeristy Choral Society:
One hour rehearsal twice-a-week throughout the year.

The University Glee Club:
One hour rehearsal three times a week throughout the year.

The University Choir:
One rehearsal twice a week throughout the year.

REGULATIONS

I. There will be no deduction for lessons missed by students, except in cases of prolonged illness.

II. Students of the Conservatory of Music are not allowed to take part in public programs or musical organizations, without the consent of their teachers and the Director of the Department.

III. All students are expected to attend all of the regular Students' Recitals and Concerts under the Conservatory of Music.

IV. Students who expect to graduate must take sufficient work to occupy their entire time.

V. Students may enter at any time.

LIBRARY SCHOOL

GRACE LISCOM HEWETT, B. S., *Director.*

It is the purpose of this school to offer instruction to those who wish to make library work their profession. Not more than ten students can be admitted to the school for the session of 1915-16 and no one will be admitted to a portion of the programme.

The requirement for admission is graduation from an accredited high school, or an equivalent course of study. The successful completion of the courses named below leads to a certificate. The Library School is under the charge of the Librarian, Miss Grace L. Hewett, to whom all requests for information should be addressed.

COURSES OF STUDY

JUNIOR YEAR

Subject	Class	Hours	Study
Cataloguing I	5		
Classification, 2nd term	2		
Library Economy I	2		2
Library Practice	6		
Reference I	2		3
English I	3		
French I or II	3		
German I or II	3		

SENIOR YEAR

Subject	Class	Hours	Study
Book Selection	1		2
Cataloguing II	3		
Classification II, 1st term	2		
Library Economy II	2		3
Library Practice	6		
Reference	2		3
Typewriting			
French II or German II or IV	3		

DESCRIPTION OF COURSES

Book Selection. Lectures, book reviews, discussion, and collateral reading. Various problems in the selection of books for libraries are discussed, and typical books are read and criticised. Use of periodicals containing book reviews and other aids to book selection.

Cataloguing I. Dictionary cataloguing. Lectures and practice. Cataloguing in the various classes of books found in a general library. Principles of alphabeting and library handwriting.

Cataloguing II. Lectures and practice; a continuation of Cataloguing I dealing with the more complex problems of cataloguing and Public Documents.

Classification I. Decimal classification and shelf-listing. Lectures and practice.

Classification II. Expansive classification.

Library Economy I. Preparation of books for the shelves, ordering and accession work.

Charging Systems.

History of library development.

Library Economy II. Methods of administration. Work with the blind and clubs. Book binding and rebinding. Traveling libraries.

Library Practice. Experience in actual library work in the University library.

Reference I. Lectures and reports. Study of the most useful reference books.

Reference II. Lectures and recitations. A continuation of Reference I. Study of the more technical works, and problems. A short bibliography is required in this course.

THE SCHOOL OF THEOLOGY

THE FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.
President and Lecturer on Bible Literature, and Kindred Subjects.

ISAAC CLARK, A. M., D. D.
Dean and Professor of English Exegesis, Biblical Theology, Introduction to Theology, Systematic Theology.

FRANK PORTER WOODBURY, A. M., D. D.
Professor of Homiletics, Pastoral Theology, Religious Psychology, Religious Education.

STERLING NELSON BROWN, A. M., D. D.
Professor of Biblical Introduction, Old Testament History, New Testament History, Social Service, Director of Correspondence Study and Extension Work.

DAVIE BUTLER PRATT, A. B., D. D.
Professor of Hebrew and Greek Exegesis, Church History, Missions, Ethics, Sociology.

MONTGOMERY GREGORY, A. B.
Instructor in Elocution.

HISTORICAL

"The Howard Theological Seminary" took its inception from a social conference held November 20, 1866, in which "the plan of a theological seminary, having in view the training of colored men for the ministry," was set forth and the above-mentioned name adopted. Its scope was subsequently broadened, so that the institution became known as The Howard University, chartered in 1867. In the very first year of its history, the trustees authorized the teaching of "students accredited as

preachers and others looking forward to that work," and this teaching began forthwith. Then application for aid in this work was made to various benevolent societies. The American Missionary Association was the only organization constituted and administered on a sufficiently broad basis to make a favorable response. It furnished nearly all the salary of the first dean and has largely supported the school during most of the forty years of its history. Of necessity, this department of the University receives no aid from the government and is thus entirely dependent on benevolent support. The School of Theology began with 12 students. The number steadily increased during its early years; and for the five years, 1894-1899, the average was 57 students. From 1899 to 1904, the average was 66 students. From 1904 to 1909, the average rose to 91, and during the last four years it has been 109. For the last two years, 1912-1913, 1913-1914, the number under instruction has been 156. The students have come from the various denominations of the colored churches in this and in other countries and have had a powerful influence not only in direct Christian service but also in elevating the standard of the ministry everywhere.

GENERAL STATEMENT

The object of the School of Theology is to prepare young men for efficient service in the Gospel ministry, the aim being to make effective preachers of the Word, wise and helpful pastors of the people, leaders toward a higher spiritual life and a more beneficent service. This is kept constantly in view both in the courses offered, and in the instruction given.

ITS ADVANTAGES

The School of Theology offers special advantages.

1. In its location at the capital of the nation. Washington supplies varied and healthful incitements to intelligent thought, and that large-mindedness so desirable in those who are to be the leaders of the people. The great theological schools are now located in the cities. Here are the people and here are the largest opportunities for culture and development. As a city of hotels and boarding houses, Washington gives opportunity to a large number of students to gain support without neglecting their studies.

2. In its connection with a great university. This enables young men to make up deficiencies or pursue supplementary studies, and to come into pleasant and healthful association with students in other departments. They can thus gain a better mental discipline and a larger outlook on their life and work. Theological students can take elementary Greek in the Academy without extra charge. But those taking studies in other Departments are required to pay tuition according to the number of studies taken.

3. In its inter-denominational character. Different denominations are represented by the teachers, many by the students. By candid statement of beliefs, by free interchange of views, by discussion of various points, all carried on within the circle of fraternal association and feeling, the students come to a better understanding of one another and their tenets. The result is—not that they are made less loyal to their own denominations, but better able to see the loyalty of all to the one common Saviour, and better able to join in hearty co-operation with their brethren for the advancement of the one common cause.

REQUIREMENTS FOR ADMISSION

Every candidate for admission is expected to present testimonials from two responsible persons. His pastor and the principal of the school he has attended are preferred. THE DIPLOMA COURSE: Students are admitted to this course on certificates of graduation from some reputable high school, or on passing a satisfactory entrance examination. Those who lack the minimum requirements for the Diploma course, are sometimes admitted to its studies as unclassified students. If they make up their deficiencies they become eligible to graduation.

THE BACHELOR OF DIVINITY COURSE. Students are admitted as candidates for the degree of Bachelor of Divinity, who have received a college education or its full equivalent.

COMBINATION COURSES

"Students of the College of Arts and Sciences desiring to enter upon professional studies before graduation, who have completed not less than 99 units, may take the studies of the first year in the School of Medicine, Law or Theology of Howard University, provided they can satisfy the stated requirements for admission thereto, and may receive the Degree of A. B., or B. S., upon the satisfactory completion of one

year's work in such professional school. The student will thus be enabled to shorten the two degrees by one year."

Those taking this course may be admitted as candidates for the degree of Bachelor of Divinity.

EXPENSES

No tuition is charged. Room rent to theological students in Clark Hall, including steam heat and electric light, is $16 per year, $8 of which is to be deposited invariably in advance. Board in Miner Hall is $10 per month, payable in advance. Other expenses are largely determined by one's habits and means.

SELF-HELP

A few students receive their board for work done in the University. A large number meet their expenses by work done in the city. Washington affords unusual oportunities for self-help. No energetic student need be deprived of the advantages offered by the school because of lack of such opportunity.

SCHOLARSHIPS

Two Pomeroy Scholarships, one of $75, and one of $50, are awarded for excellence in Biblical studies.

Three Dodge Scholarships of $40 each are available for students who have not received other scholarships, at the discretion of the Faculty.

AWARDS FOR 1914-1915

Pomeroy Scholarships, First, George P. H. Anderson; Second, Walter E. Ricks.

Dodge Scholarships, First, Ernest E. Swanston; Second, Joseph S. Connell; Third, David A. Blake.

Maynard Prizes, First, Thomas C. West; Second, Andrew T. Readding.

STUDENT AID AND AWARDS

A limited fund is available at the discretion of the Faculty, to meet unusual needs of students. As an encouragement to thorough preparation for the work of the School of Theology, college graduate students of promise, who may need aid, will be given special consideration in the distribution of student-aid.

GRADUATION

The satisfactory completion of one of the prescribed courses of study, an unblemished Christian character, and the promise of usefulness in the Christian ministry are the prerequisites for graduation. The degree of Bachelor of Divinity (B. D.) is given to graduates from the B. D. Course who have taken the degree of A. B. from a reputable college, or who have shown by certificates and examinations that they have received the substantial equivalent of a college training. College graduates, who have taken studies equivalent to those of our Junior year, may complete the course and receive the diploma of the school in two years, with the degree of B. D. Those who have not received a college training or its full equivalent, but who show very superior scholarship in the actual work of the theological course may, by special vote of the Faculty, become candidates for the degree of B. D.

COURSES OF STUDY

English Course

JUNIORS

Introduction to Bible Study
Biblical Introduction to Old Testament
Old Testament History
English Exegesis
Biblical Theology
Biblical Homiletics
Elementary Homiletics
English Composition
Church History
Theological Introduction
Ethics
Elocution

MIDDLERS

Biblical Introduction to N. T.
New Testament History
English Exegesis
Systematic Theology
Church History
Advanced Homiletics
Inductive Studies
Sociology
Religious Psychology and Preaching
Elocution

SENIORS

English Exegesis
Systematic Theology
Church History
Advanced Homiletics
Inductive Studies
Pastoral Theology
Psychology of Religion
Religious Education
Missions and Comparative Religions
Social Service
Elocution

CLASSICAL COURSE

The School of Theology, while putting the English Bible in the forefront recognizes the fact that thoroughly equipped students may profitably study the word of God in its original languages—Hebrew and Greek—and thus gain an added equipment for service. It also recognizes the fact that in order to use the original languages with freedom and profit sufficient time must be given to gain a fair mastery of them. Provision is made to this end.

JUNIORS

Elementary Hebrew

MIDDLERS

Hebrew Exegesis Greek Exegesis

SENIORS

Hebrew Exegesis Greek Exegesis

The Classical Course is open to college graduates, and to others at the discretion of the Faculty.

Juniors in Hebrew are excused from classroom work in Old Testament History.

Those prepared to take up Hebrew and Greek Exegesis may be excused from English Exegesis.

METHODS OF TEACHING AND STUDY

Comparatively little use is made of the formal recitation, the old question-and-answer method, which merely tests the verbal memory. The class-hours are used chiefly for social study, in which thinking is aroused, cleared and energized. The methods of teaching are con-

stantly varied to awaken interest and mental activity. While text-books are made use of and books of reference recommended and employed, the teaching is almost entirely oral, and conversational conferences are often held. Both free and written lectures are given, questions raised and discussed and maps and blackboard exercises used. Privately printed lecture outlines and instruction schemes are issued to classes and individual students at a very moderate cost, furnishing material for frequent reviews and self-training. It is the endeavor of the faculty in all departments of instruction to arouse energy of thought and develop soundness of judgment.

The outline of studies and hours of class-room work indicates the average proportions of subjects, work and time. These may be varied for both classes and individuals to suit varying needs and attainments, as these may be indicated by actual experience.

DESCRIPTION OF COURSES

Professor Clark

ENGLISH EXEGESIS

To many students English Exegesis is the only possible exegesis for the English Bible and is their only Bible. The plan is to learn the art of interpretation by interpreting; to learn how to get at and get out the meaning of God's Word by working at it under the lead of certain general principles. It is recognized that the Bible has a great variety of forms of expression. It has its *poetry,* lyric and dramatic; its *prose,* history, biography, prophesy, essays, epistles; its *proverbs,* its parables, its striking similes and metaphors, and well wrought symbols. It has its varying immediate purpose determined by existing conditions, and the pressing needs of the hour. Sometimes it is didactic, telling men what they are to believe; then authoritative, telling men what to do; then exhortatory, seeking to arouse men to action; then predictive, bringing the things of the future, whether retributions or blessings, to bear upon present decisions and future courses. The plan is to give careful exegetical study to sample portions of the more distinctive parts of the Bible with the intent to get out the meaning originally put in, then to discuss its practical value and its homiletical uses. Thus the method of intrepretation applicable to the whole Bible becomes familiar. The key to the exhaustless store of Scriptural truths has been found. Treasures new and old may be brought forth. This is one of the ways

in which it is sought to realize the object of this School of Theology, which is to prepare young men for efficient service in the Gospel ministry. If they learn the art and form the habit of intelligent and quickening interpretation of God's word so that they know its teachings, appropriate its teachings, then impart its teachings, their ministry will not be an unfruitful ministry.

This plan of work does not require that very specific announcements be made of what is to be done each semester, or just how many, and what books of the Bible constitute the full and prescribed course in English Exegesis. The end sought is to be kept in mind, but some liberty and discretion are allowed. J. 2, M. 4, S. 4.*

Biblical Theology. The Bible does not give us a well-wrought system of theology. It gives us a rich mine rather than a finished structure. Exegesis is the instrument used to find and take material for a structure. Biblical Theology stands for the theological beliefs held and affirmed, or embodied in rites, at different periods covered by the Scriptural records; first the Old Testament record, then the New Testament records. These beliefs are concerning God—His attributes, His character, His relations to the world, His plan of administration; and, as God's relation and administration with reference to man are of highest importance, there are beliefs concerning man—his nature, his powers, his relation to God, his duty and his destiny. When by careful and minute study these beliefs are ascertained, and set in their chronological order, they may make a text-book which can be studied with much interest. Then it will be found that man's knowledge of God, whether counted a discovery, or a revelation, has been progressive;—if a discovery, then progressive because of man's increasing power to discover; if a revelation, then progressive because of man's increasing capacity to receive. Then it will be found that man's knowledge of man, especially in his superhuman relations, and consequent obligations and possibilities has been progressive. He may thus come to a more definite knowledge of God's ways with the children of men, be made more intelligent in His judgment of the past, and more reasonable and assured in His expectations of the future. J. 2.

* J. indicates Juniors, M. Middlers, S. Seniors, and numbers the number of hours per week.

Books of Study and Reference. Piepenbring's Old Testament Theology, Davidson's Old Testament Theology, and Stevens' New Testament Theology.

Theological Introduction. This is intended to prepare the way for a more satisfactory study of Systematic Theology. Its range is somewhat indefinite, and may vary with varying conditions. It includes such topics as religion, its nature, extent and significance; God's self-revelation in His works, its reliability and measure; God's self-revelation in his word, its reality and authority; the Christ, who and what He was. The spirit and method of rewarding study; the Principle of Constructive Thinking, Instruction, principally by lectures, books, magazines and articles for reference and reading named as occasion requires.

J. 1.

Systematic Theology. God's self-revelation culminating in Christ. His relation to the universe, especially to man, His plan of administration in the realm of matter, in the realm of of free moral agency. Man: his nature, powers, relations, sin, condemnation, need of redemption. Redemption provided, including the person and work of Christ; redemption offered, including the ministry of Christians, and the agency of the Holy Spirit; redemption imparted, including regeneration and justification; redemption appropriated, including repentance of faith; redemption perfected, including sanctification and the kingdom of Heaven. M. 2, S. 2.

Books of study and reference. Wm. Newton Clarke's Outlines of Christian Theology; H. B. Smith's Theology, Johnson's Outline of Systematic Theology.

Professor Woodbury

THEORY AND PRACTICE OF PREACHING

The ability of the student to express himself in clear and correct English is a fundamental requirement. Students who need more training in this respect will be assigned work in English composition including punctuation, accidence, syntax, diction and sentence structure. Particular attention will be given to common errors in grammar and style.

J. 1.

Biblical Homiletics: The practical study of the Bible for material in preaching. Methods of its attainment and use. The expository sermon. Illustrative material from the Bible. The principles of text selection; its classification and preservation. J. 1.

Elementary Homiletics: Interpretation. Fundamental parts of sermon. Methods of sermon classification. Materials. Arrangement. Varieties of illustration. Applications, their forms and use. Exercises and discussions. J. 2.

Advanced Homiletics: Inductive studies. Practice preaching with personal drill. Analysis of sermon plans, given out. Prescribed themes, collated and compared. Constant individual sermon criticism. Varied methods of preparation and delivery. Lectures, with free conversational conferences. M. 2, S. 1.

Psychological principles in the management of audiences. Lessons from successful preachers. Discussion of their precepts. Study of the literature of persuasion. Personal elements of power. M. 1.

Throughout the whole course, sermons and parts of sermons are planned, wrought out, remade, compared with others on the same themes and the applying principles illustrated and enforced.

CHURCH ADMINISTRATION AND WORK

Pastoral Theology. Lectures and Conferences. Importance. Selection of field. Planting new church. Preaching on trial. A call. Arrangements, details, health, expenses, support. Church at work Hindrances, Organization, Cautions and suggestions. Church finances, methods. Discipline. Resignation. Relations to other pastors. Ministers' meetings. Weddings and funerals. Pastoral visitation. Community service. S. 1.

Public Worship. Review of principles and methods. Public prayers. The sacraments. Special services.

Church Polity. History and description of Baptist, Methodist, Disciples, Protestant Episcopal, Presbyterian, Congregational and other forms and principles of Church polity. S. 1.

Books of Study and Reference: Rhetoric; Hill, Phelps, Genung and Bascom. Homiletics: Broadus, Pattison, Phelps, Kern, Beecher, Spurgeon, Breed, Brastow, Johnson and Quayle. Pastoral Theology: Gladden, Hoppin, Kidder and Ellicott.

PSYCHOLOGY OF RELIGION

This course is a general study of psychology as applied to the religious experience, individual and social, and as forming the basic and conditioning science for theology in its various branches. It deals with human nature in all its stages and forms of religious progress and develops the rational basis of religious faith. It includes a series of lectures on social psychology in its religious aspects, including an analysis of the instincts, tendencies and emotions, suggestibility, child religion, adolescence, educative development, methods of conversion, revivals, spiritual dynamics, experiences and their normal development, and additional lectures on other forms of applied psychology, in respect to personal influence and ascendancy, mental efficiency, hygiene, faith healing, etc., etc. M. 1.

Books of study and reference. Ames, Buckley, Coe, Davenport, Ellwood, Huckel, James, Kennard, McDougall, Pratt, Raymond, Scott, Starbuck, Steven, Worcester, etc.

EDUCATION IN RELIGION

Its aim and necessity. The divine education. Jesus and childhood. Christian nurture. The child impulses. Theological misconceptions. Authority. Freedom through obedience. Attention. Personality. Expression and activity. Punishment. Play. The divine method of race education. Application. Personal forces. General nature of the religious impulse. Normal development. Periods of growth. Early and middle childhood. Adolescent periods. Institutions, family, school, church. Immediate problems. S. 1.

THE ASSEMBLY HOUR

The weekly assembly hour is held in Main Hall on each Thursday of term time. Attendance and such participation in the exercises as may be called for are obligatory on every student and count as a regular course in scholarship standing. The hour includes lectures by members of the faculty, prominent pastors and others. A large share of the work consists of inductive studies in preaching and practice preaching by members of the different classes, followed by oral comments.

J., M., S. 1

PROFESSOR BROWN

BIBLICAL INTRODUCTION

The Bible is the greatest of all books. As a source of knowledge and uplifting influence is has no equal. It is man's guide book and should be thoroughly known. Too few of the masses read it at all, and it is insufficiently mastered by those set apart to expound it. How to become interested in Bible study and how to be attractive teachers of the Word is illustrated and enforced by the work of the class-room.

The Bible as a library is studied as a whole, in its divisions and in its related parts. The origin, collection, transmission and versions of the Scripture; the genuineness, authenticity, authority, inspiration, and literary character of the books are all carefully considered.

The Bible is essentially a historical book and as such special emphasis is placed upon it. God's relation to man in the past, and in an ever present extending sphere of grace is studied. God's work was first with individuals, then later with families and afterwards with a nation, till His gracious purpose and movement culminated, in the fulness of time, with the coming of Christ.

A study of the important characters, events and forces in Biblical history, in the light of modern geography, discovery and research is required, and also a preliminary study of the Persian, of the Greek, of the Maccabean and Roman Ages as a historical background for a comprehensive knowledge of the times and ministry of Jesus; closing with an outline of the life of Christ and of the Apostolic Church.

Books of study and reference: Driver's Introduction; Moulton's Introduction; Kent's Student's Series; Dods' Introduction; Brown's Bible Mastery; John H. Raven's Introduction; Blaikie's Bible History; Stanley's History of the Jewish Church; Smith's Old and New Testament History.

OLD TESTAMENT

1. General Introduction: General and Special divisions; a clear understanding of the main features, and of the origin, structure and literary character of each book; Bible geography, and Pentateuch, its composition, age and authorship. J. 1.

2. Old Testament History (a) Hebrew Literature, History and Religion from the earliest times to the Conquest of Canaan. (b) History of Israel from the Conquest of Canaan to the time of Amos. (c) Old Testament Literature from the oral beginnings to Amos, and from thence to the Fall of Jerusalem. (d) Writings of the Exilic and Post-Exilic periods, and the formation of the Canon. (e) The Messianic Prophesies in chronological order. J. 2.

3. Special Introduction: Questions of Genuineness, Authenticity. Authority, Inspiration; early English translations, and Versions of the Scriptures; How came our English Bible; Kinds and Principles of Criticism. J. 1.

NEW TESTAMENT

1. Introduction: Divisions, and chronological order of books, with dates and authorship, and brief introductions to the several books. A comparative study of the Synoptic Gospels. M. 1.

2. New Testament History. 1. A preliminary study of the Persian, of the Greek, of the Maccabean and Roman Ages. 2. Various methods of studying the life of Jesus. 3. Introduction: (a) Note historical background, (b) Sources, (c) Preparation and Ministry, (d) The Gospels as Literature. M. 1.

3. 1. The Apostolic Church, Its Rise and Spread. (1) Sources, The Acts and Epistles, (2) The Church under three heads; the Church of Jerusalem, the Church of Palestine and the Church of the Gentiles. The Church, its head, its members, its organization and its object, The Early Missionary Church. M. 1.

SOCIAL SERVICE

The need of the every day service of the ministry and the church, as affecting the varied interests of the community, is minutely studied in the class room with the view of fitting the young minister for meeting the problems of the parish life and for making him an efficient leader and organizer of the community forces for helping the whole man as well as the whole body of men. S. 1.

PROFESSOR PRATT

HEBREW EXEGESIS

The course aims to impart a working knowledge of the language and to read carefully selected texts to illustrate and enforce the great truths of the Old Testament. The inductive method is used. Hebrew Elements with reading of easy prose. J. 3.

Passages from the Law, the Prophets and the Poetical books. M., S. 2.

Books of study and reference: Kittel's Hebrew Bible; Brown, Driver and Briggs' Lexicon; Harper's Elements and Methods; Hastings' Bible Dictionary.

GREEK EXEGESIS

A working knowledge of the Greek language is required for admission to the classes in Greek exegesis. In the two years a large part of the New Testament is read. The course aims to train the student in methods of exact grammatical analysis and literary criticism in order that the thought of each writer may be better understood. M., S. 2.

Books of study and reference: Thayer's Lexicon; Godwin's, Winers, Robertson's and Green's Grammars.

CHURCH HISTORY

The course aims to show the vital connection between the growth of the Kingdom of God on earth and the progress of civilization. Special attention is given to the great theologians and reformers and to the social background of each important era.

The Early Church to 590 A. D.; The Founding of the Church; Apologists; Gnostic Controversies; The Early Schools of Theology; The Ecumenical Councils.

The Middle Ages: The Rise of the Latin Church; The Eastern Church; Latin and Greek Theologies Compared; Papacy and Empire; Rise of Modern Nations; The Reforming Councils; The Theology of the Middle Ages. J. 2.

The Renaissance and the Reformation; Early Reformers; Revival of Learning; Causes of the Reformation; Luther; Zwingli; Calvin.

The Reformation (con.): The Spread of the Reformation; the Counter Reformation; Trent; Theology of the Lutheran Reformed and English Churches. M. 2.

The Transition and Modern Eras. The Evangelical Movement; The Philosophical Movement; Theological Tendencies in the Nineteenth Century. The American churches to-day. S. 2.

Books of study and reference: General histories of Fisher, Hurst, Schaff; History of Creeds, Curtis and Schaff; History of Doctrine, Fisher, Harnack, McGiffert, Moore.

CHRISTIAN MISSIONS

The course aims to awaken interest in the growing Kingdom of God on earth. History of missions with general survey of the modern field; African Missions. S. 1.

Books of study and reference: Bliss' Encyclopedia of Missions; Beach's Missionary Geography and Atlas, and books on Africa.

THE HISTORY OF RELIGIONS

The course aims to show the relation of Christianity to the other great religions of the world, with special reference to the problems of missions. Primitive Religious Customs and Beliefs; Religions of Babylon and Egypt; Greece and Rome; Islam; China; Persia; India. S. 1.

Books of study and reference: Jevons; Moore; Menzies; Toy.

ETHICS

The course aims to acquaint the student with the principles which underlie right conduct in the great relationships of life. The Beginnings and Growth of Morality; Theories of the Moral Life; Rights and Duties of the Individual in Relation to various Social Groups. J. 1.

Books of study and reference: Ross' Sin and Society; Dewey and Tufts Ethics; Fairchild's Moral Science; Smyth's Christian Ethics.

SOCIOLOGY

The course aims to prepare the minister to apply Christian truth to society. The development of society from primitive to modern forms with Bible references; Modern Social Problems. M. 1.

Books of study and reference: Works of Ellwood, Small, Giddings, Nearing.

PROFESSOR GREGORY

ELOCUTION AND PULPIT ORATORY.

I (a) Voice Training. Exercises in breathing, physical culture, articulation, pronunciation, inflection, emphasis, gesture and platform deportment.

(b) Vocal Expression. The principles of quality, force, pitch, and time; reading contrasted with free speech; selections from great literature—poems, orations, sermons—practiced from point of effective delivery. Individual needs. J., M. 1.

II (a) Bible and Hymn Reading. This course aims to give thorough drill in the principles of the preceding courses and to give the student accuracy and sympathetic expression in the oral interpretation of the Scriptures and Hymns. Versification as related to hymnology.

(b) Pulpit Oratory. Practice in delivery of lectures and sermons from manuscript, outlines, and extempore; class discussion and criticism. S. 1

For catalogue and special information, address, Dean Isaac Clark, Howard University, Washington, D. C.

THE EVENING INSTITUTE

The Evening Institute comprises a short course of study for those unable to take the regular courses in "The School of Theology." It is not its avowed purpose to prepare young men for service in the gospel ministry. As stated in the catalogue for successive years, "it is designed to aid preachers, and workers in Sunday schools, Christian Associations, City Missions, and other branches of Christian service." It is open to all who have time, and desire, and purpose to use its opportunities and helps for their own and others' good. Always there are some in attendance who are pastors of churches, and wish to become better pastors; others who for years have been Christian workers, and wish to become better workers. The Institute has its prescribed course, a four years' course of instruction, three evenings a week, Monday, Wednesday and Friday, two hours each evening, continuing through the full school year. The course is necessarily limited, but it is thorough and practical, and is justified by results after years of experience.

The course of study includes English Composition; Biblical Introduction; Bible Study; Bible History; Church History; Theology; Homiletics; Church Work; Psychology of Religion; Elocution. The few available teachers and hours make it impossible to divide the students into classes, as 1st year class, 2nd year class, and to give instruction to each class separately. All are taught as one class, but the instruction is so arranged that in the four years each student will be taken over the prescribed courses of study.

Books of Study and Reference: Ottley's History of the Hebrews; Fisher's Church History; The Temple Opened; Brown's Bible Mastery; Clarke's Christian Theology; Broadus' Homiletics; Hart Composition and Rhetoric.

TERMS OF ADMISSION

Satisfactory credentials, and attainments sufficient to enable one to make profitable use of instruction given in text-books and in lectures.

TERMS OF GRADUATION

Payment of dues, *regularity of attendance,* and satisfactory progress in the studies of the course. To those meeting these conditions testimonials are given answering to the work done.

EXPENSES OF THE EVENING INSTITUTE

This is a special work for which a tuition fee is charged.

New students pay an entrance fee of $5, and tuition for the year, $10. Those already enrolled pay only the annual tuition fee of $10. For catalogue and special information address

DEAN ISAAC CLARK.

THE DEPARTMENT OF CORRESPONDENCE STUDY

Correspondence-study, as a method of gaining an education, has been long and widely tested, and is becoming more broadly established each successive year. To-day it is imparting the benefits of great colleges; universities and professional schools to thousands of students who cannot come as residents to these institutions, but who are bent upon securing an education.

In schools of theology, correspondence-study has been found particularly advantageous to the following classes:

(1) Students, desiring to prepare themselves for the ministry, who are unable at present to remove their residence to an institution, but who can do work where they are and in connection with their present occupation, and can thus attain advanced standing toward graduation with the expenditure of less time when they take up residence work. (2) Students who have already had some residence work, and can take additional parts of their course by means of correspondence work. (3) Ministers who have found it necessary to enter upon their professional work with inadequate educational preparation, and who now desire to develop their training more fully. (4) Ministers who wish to make higher attainments in some special lines of scholarly study. (5) Ministers who feel the need of improved methods in sermon-making and delivery, in order to reach increased effectiveness in their work of preaching.

COURSES OF INSTRUCTION

Courses of instruction include the subjects of the general courses in the School of Theology (with the exception of the linguistic studies) and additional subjects for post-graduate work. Detailed information will be supplied by correspondence.

GENERAL INFORMATION

Full and exact directions as to methods of work are given to each correspondent. No previous examination is required for entrance on correspondence courses of study. If, for any cause, an application should fail of being accepted, the tuition fee is at once returned to the sender. Students are to complete the particular courses they have undertaken within a year of the time of their beginning work, unless their time should be extended by the Director. An interval of more than two months without report from a student may terminate the right to continue that course of study.

Examinations will be held at such times and in such places and by such methods as may be mutually agreed upon by the Director and students. Certificates of attainment in each course are granted to the student after the satisfactory completion of the course. After a student has sustained the requisite examinations and has been matriculated as a resident student of Howard University, such certificate work as has been done in correspondence-study will be duly credited as con-

tributing toward the attainment of a diploma, it being understood that at least one year of residence work will be required for his graduation, except in special cases to be considered and passed upon individually.

Expenses. A subject is designated as a course, a half-course, or comprises two or more courses. The tuition for a course in any subject is placed for the present at the very low rate of three dollars, payable invariably in advance. This includes question-papers, but not the cost (which varies in different courses) of text-book or text-manual. These are paid for and owned by the student. Address all communications, concerning Correspondence-study to

PROF. STERLING N. BROWN, *Director.*
Howard University, Washington, D. C.

SCHOOL OF MEDICINE

INCLUDING THE

MEDICAL, DENTAL AND PHARMACEUTIC COLLEGES

HISTORY

Howard University was chartered by act of Congress, March 2, 1867. Section 5 of the charter provided that the University shall consist of the following departments—"Fifth, medicine." On November 5th, 1868, the first session began and ended March March 1, 1869.

In conformity with the spirit of the charter of the University, the Medical Department, including the Medical, Dental and Pharmaceutic Colleges, is open to all persons, without regard to sex or race, who are qualified by good moral character, proper age and suitable preliminary education.

The Forty-eighth annual session will begin October 1, 1915, and continue until June 7, 1916.

WASHINGTON CITY

The city affords special facilities for the study of medicine and the allied subjects.

There are libraries rich in medical books, which may be consulted by the students. That of the Surgeon General's Office, contains over 150,000 works on medicine and collateral sciences. The Library of Congress contains about 800,000 books, many of which are medical. The Patent Office Library also contains many books of the same kind. The reading rooms of these institutions are open from 9 to 4.30 o'clock daily, except Sundays; those of the Library of Congress are open also on Sunday and evenings.

Our Carnegie Library is situated on the campus, and contains about 25,000 books and 15,000 pamphlets. The leading magazines and daily papers from different sections of the country are on file. A branch library has been opened at the Medical School where the leading medical, dental and pharmaceutic journals, bulletins, text-books and reference works may be found.

The Medical Museum is the finest of its kind in the world. The specimens illustrate the diseases and injuries of civil and military life, normal anatomy, both human and comparative, and medical, surgical and transportation appliances—in all about 25,000 specimens. Open daily, except Sundays, from 9 to 4.30 o'clock. The National Museum and Smithsonian Institute, have the largest and best collection in the country, illustrating the natural sciences. The specimens of Materia Medica are useful to medical and pharmaceutic students. Open daily, from 9 to 4.30 o'clock. The Museum of Hygiene, is under the charge of the Surgeon General of the Navy, and contains, as the name indicates, illustrations of sanitary arts. Open daily, except Sundays, from 9 to 4.30 o'clock. The Agricultural Department contains a museum of the products of agriculture; the Botanic Gardens, a collection of plants of all countries, and the Patent Office Museum, models of surgical appliances.

GENERAL INFORMATION

FREEDMEN'S HOSPITAL

On the square adjacent to that on which the Medical College Buildings stand have been erected hospital buildings at a cost of $600,000.

The hospital has the great advantage of being designed primarily for teaching purposes, as practically all the patients admitted are utilized freely for instruction. The hospital has about 300 beds and contains two clinical amphitheatres, pathologic laboratory, clinical laboratories and a room for X-ray diagnostic work and X-ray therapy. The Medical Faculty practically constitutes the Hospital Staff. They are the physicians who attend regularly upon the patients (each upon such cases as come regularly within his special department). Special attention is given to bedside instruction. Clinics are held every day during the year, except Sundays, and examinations are made, prescriptions given, and surgical operations performed in the presence of the classes or of sections thereof.

The patients are assigned to students who take the histories of the cases, make the physical examinations, the diagnosis and prognosis and suggest the line of treatment or operative procedure thought necessary, under the direction of the professor in charge. The clinical laboratories are under the direction of the departments of internal medicine, surgery, gynecology and nervous diseases, are all especially equipped, and furnish facilities for the scientific study of cases and are freely used by

students as time and space permit. Stress is laid upon the value of ward and bedside instruction. The character of the hospital is such that this method of instruction can be carried out more fully and more systematically than in many hospitals available for teaching purposes. The practical hospital work which students of this department are able to do is excelled by few medical schools. Much of the work of giving treatment, of dressing wounds and of giving other detailed attention to patients is carried out, under proper supervision, by senior students. For the treatment of diseases of the nervous system, the hospital is furnished with apparatus for generating all kinds of electrical currents. Attendants especially skilled in the application of electricity and massage are put in charge of such cases and are assisted by senior students who aid them in this work. A lying-in ward is established in which senior students are given an opportunity to attend cases of labor and become familiar with the duties of the lying-in ward, under the immediate direction of the professor of obstetrics and his assistants. A large number of the cases admitted to the hospital are from a distance, and are of more than common interest, including numerous surgical and gynecological cases requiring major operations. There are also many cases of disease of the lungs, heart, blood, digestive system, the kidneys, and of the nervous system. The eye, ear, nose and throat services are large and replete with instructive cases. Patients with contagious diseases are treated in the isolation room of the hospital.

THE MEDICAL COLLEGE

The Medical Department is situated on W Street, N. W., between Fifth and Sixth Streets. The LeDroit Park cars pass by the buildings, and the Seventh Street, Ninth Street and U Street lines are within a few blocks, so that in ten minutes a student can reach the heart of the City.

ROOMS AND BOARD

The Secretary keeps a list of places where rooms and board may be obtained at reasonable prices. Board may be procured at the University dining hall at $10 per month.

RULES GOVERNING THE STANDING OF STUDENTS

In the future the marking of students will be as follows: A. Excellent; B. Good; C. Passed; D. Failed, must take examination over

again; E. Must take the course over, which is in accordance with the rules of the Association of American Medical Colleges. Students will be notified only that they have or have not passed in the different branches of the work of the School.

Each student is obliged to attend eighty per cent of the exercises in every course or study for which he seeks credit.

Students must obtain a passing grade in each study in order to receive credit for the same. Students failing in three or more studies in any year will be required to repeat the work of that year, or may be advised to terminate their connection with the school, by vote of the Faculty. Students, except seniors, failing in less than three studies in any one year will be allowed a re-examination in such studies. Students failing in not more than two studies may be conditioned in such studies, but said conditions must be removed during the first half of the ensuing year. Senior students who fail in any subject must repeat the work of the entire year. The work of making up conditions must be done outside of the regular scheduled hours.

A student whose work, for any reason, is not satisfactory will be so notified and if no improvement is noted he must expect to be asked to terminate his connection with the School.

The same principle will apply to candidates for graduation. The only standard for graduation will be the judgment of the faculty that the candidate for graduation is qualified for the degree of doctor of medicine, dentistry or pharmacy.

CLINICS AND PRACTICAL WORK

Clinics are held as indicated in the schedule of hours.

Seniors and juniors are required to attend these clinics, and their attendance and proper performance of their practical work will enter largely into determining their promotion or graduation.

Dental and pharmaceutic students must also attend the practical work of the Dental Infirmary and Hospital Dispensary, as well as the laboratory work in their respective Colleges.

POST-MORTEMS

Post-Mortem examinations will be made as often as possible, and students will be required to attend and assist. This will afford an excellent opportunity for the study of both normal and morbid anatomy, as well as the steps of the operation itself.

FEES

The College fees and cost of books, instruments, board, room, laundry and incidentals will hardly be less than $300 per session of thirty-two weeks.

Examination fee, *i. e., for all new* students	$ 5.00
Matriculation, *i. e., for new* students; paid once	5.00
Tuition, Medical College, per session	100.00
Laboratory fee	25.00
Tuition, Dental College, per session	80.00
Laboratory fee	20.00

SCHOOL OF MEDICINE

Tuition, Pharmaceutical College, per session	$ 80.00
Laboratory fee	10.00
Graduation fee	7.00
Library fee	1.00
Athletic fee	1.00

A laboratory deposit will be required for breakage, and must be paid before the student is admitted to the laboratory. This will be returned at the end of the session if there is no destruction of property.

All fees are paid to the Treasurer of the Faculty, William C. McNeill, and are payable, *half on registration, and half on the first of the following January.*

All fees must be paid before a student is admitted to his classes.

LECTURES AND RECITATIONS

Instruction is given in this school by didactic and clinical lectures, recitations and practical laboratory and bedside work. Students will not be allowed to absent themselves from lectures, recitations, laboratory work, clinical lectures and other practical exercises of their respective years. Instructors keep a record of attendance and report to the Secretary of the Faculty.

Examinations will be held in the several subjects at such times as the professors may determine, and at the close of the session. *Any student failing to pass examinations after three attempts in any subject will be advised to discontinue his connection with the school. Absence from one-fifth or more of a course will render a student ineligible for examination.*

SPECIAL NOTICES

I. SECTION 1. "EVERY COLLEGE HOLDING MEMBERSHIP IN THIS ASSOCIATION SHALL, ON AND AFTER JANUARY 1, 1912, REQUIRE FOR MATRICULATION A COMPLETED OR UNCONDITIONED MEDICAL STUDENT'S CERTIFICATE, TO BE GRANTED BY A STATE MEDICAL EXAMINING AND LICENSING BOARD, OR A BOARD EMPOWERED BY STATUTE TO GRANT SUCH CERTIFICATES." —ARTICLE III, SECTION I, CONSTITUTION OF THE ASSOCIATION OF AMERICAN MEDICAL COLLEGES.

PROSPECTIVE MEDICAL STUDENTS WILL DO WELL TO REMEMBER THE ABOVE REQUIREMENTS, AND SECURE THEIR MEDICAL CERTIFICATES BEFORE THE OPENING OF THE MEDICAL COLLEGE.

II. THE MEDICAL COLLEGE OF HOWARD UNIVERSITY IS NOW RECOGNIZED BY THE CONJOINT BOARD OF ENGLAND, AND ITS "GRADUATES ARE ADMITTED TO THE FINAL EXAMINATIONS OF THE BOARD IN MEDICINE, SURGERY AND MIDWIFERY ON PRODUCTION OF EVIDENCE OF HAVING FULFILLED THE NECESSARY REGULATIONS IN REGARD TO GENERAL EDUCATION, AND TO THE PROFESSIONAL CURRICULUM EXTENDING OVER FIVE YEARS."

III. THERE ARE NO FUNDS AVAILABLE FOR HELPING STUDENTS IN THE SCHOOL OF MEDICINE. THE FACULTY DOES NOT ADVISE PROSPECTIVE STUDENTS TO COME TO THE SCHOOL UNTIL THEY ARE ABLE TO PAY THEIR TUITION IN FULL, WITHOUT HAVING TO DEPEND UPON OUTSIDE EMPLOYMENT, AS THE SUCCESSFUL STUDY OF MEDICINE, DENTISTRY OR PHARMACY CAN BE DONE ONLY BY THOSE WHO DEVOTE ALL THEIR TIME TO IT.

IV. PROSPECTIVE MEDICAL, DENTAL AND PHARMACEUTICAL STUDENTS WILL SAVE TIME AND THE POSSIBILITY OF MISCARRIAGE OF THEIR MAIL, IF THEIR LETTERS OF INQUIRY ARE DIRECTED TO THE DEAN OR SECRETARY OF THE SCHOOL OF MEDICINE, 5TH AND W STREETS, N. W.

THE MEDICAL COLLEGE

STEPHEN MORRELL NEWMAN, A. M., D. D.
President.

EDWARD ARTHUR BALLOCH, A. M., M. D., Dean.
Professor of the Principles and Practice of Surgery and Clinical Surgery.

DANIEL SMITH LAMB, A. M., M. D., LL. D., Vice-Dean.
Professor of Anatomy.

WILLIAM CLARENCE McNEILL, M. D., Secretary and Treasurer.
Professor of Gynecology.

NEIL FERGUSON GRAHAM, M. D., LL. D.
Emeritus Professor of Surgery and Professor of Physical Diagnosis.

CHARLES BURLEIGH PURVIS, A. M., M. D., LL. D.
Emeritus Professor of Obstetrics and Gynecology.

WALTER WHEELER ALLEGER, M. D., Phar. D.
Emeritus Professor of Bacteriology.

GEORGE NELSON PERRY, M. D.
Professor of Obstetrics and Pediatrics and Clinical Pediatrics.

COLLINS STEVENSON MARSHALL, M. D.
Professor of Pathology and Clinical Miscroscopy; Director of Pathologic Laboratory.

PAUL BARTSCH, M. S., Ph. D.
Professor of Histology, Director of Physiologic and Histologic Laboratories; Lecturer on Medical Zoology.

EDWARD DAVIS WILLISTON, A. M., M. D.
Professor of Medical Jurisprudence, and Instructor in Clinical Obstetrics.

JOHN WILLIAM MITCHELL, M. D., Phar. D.
Professor of Materia Medica and Therapeutics, Clinical Assistant in Pediatrics.

ROBERT SCOTT LAMB, M. D.
Professor of Opthalmology and Director of Eye Clinic.

WILLIAM ALONZO WARFIELD, M. D.
Professor of Abdominal Surgery; Surgeon in Charge of Freedmen's Hospital.

JAMES JULIUS RICHARDSON, M. D.
Professor of Otology, Laryngology and Rhinology.

WILLIAM GAGE ERVING, M. D.
Professor of Orthopedic Surgery.

HARRY ATWOOD FOWLER, M. D.
Professor of Genito-Urinary Diseases.

HENRY PICKERING PARKER, M. D.
Professor of the Principles and Practice of Medicine.

MARCUS WARD LYON, JR., M. D., Ph. D.
Professor of Bacteriology.

HERBERT CLAY SCURLOCK, A. B., M. D.
Lecturer on Electro-Therapy.

ERNEST EVERETT JUST, A. B.
Professor of Physiology.

CHARLES IGNATIUS WEST, M. D.
Associate Professor of Anatomy.

AUSTIN MAURICE CURTIS, A. M., M. D.
Associate Professor of Surgery.

ALBERT RIDGELEY, M. D.
Associate Professor and Demonstrator of Anatomy.

CARROLL ALANDA BROOKS, M. D.
Assistant in Clinical Obstetrics.

WILLIAM A. WELLS, Jr., M. D., Phar. G.
Assistant Professor of Pathology.

CARYL BURBANK, M. D.
Assistant Professor of the Principles and Practice of Medicine.

NEIL DUNCAN GRAHAM, A. B., M. D.
Assistant Professor of Hygiene and Preventive Medicine.

WILLIAM ALEXANDER JACK, M. D.
Demonstrator of Practical Surgery.

ROY DELAPLAINE ADAMS, M. D.
Instructor in Embryology.

HENRY HONEYMAN HAZEN, M. D.
Professor of Dermatology.

WILLIAM FRANCIS SOWERS, M. D.
Instructor in Clinical Surgery.

CHARLES HERBERT MARSHALL, M. D.
Clinical Assistant in Gynecology.

MILTON AUGUSTUS FRANCIS, M. D.
Clinical Assistant in Surgery.

HARRY HYLAND KERR, M. D.
Instructor in Clinical Surgery.

MARTHA BREWER LYON, M. S., M. D.
Clinical Assistant in Ophthalmology.

EDWIN HIRAM REEDE, M. D.
Clinical Assistant in Medicine.

ELIZABETH SOHON, M. D.
Clinical Assistant in Opthalmology.

LEWIS CHARLES ECKER, M. D.
Clinical Assistant in Medicine.

RALPH BURNETTE STEWART, Phar. D., M. D.
Laboratory Assistant.

HAMILTON St. CLAIR MARTIN, M. D.
Clinical Assistant in Otology, Laryngology and Rhinology.

REQUIREMENTS FOR ADMISSION TO HOWARD UNIVERSITY MEDICAL COLLEGE.

The applicant for admission to the Medical College of Howard University must present to the Secretary of the Faculty of the College at least ten days before the opening of the College his credentials, properly signed, showing that he has successfully pursued the subjects mentioned below, under the conditions stated:

REQUIREMENTS FOR ADMISSION

I. Those who have completed in a satisfactory way the Chemical-Biological course which leads to the A. B. degree in this University.

II. Those who possess a degree in Arts or Science from an approved College or Scientific School, or are graduates of approved High Schools, who furnish satisfactory certificates, showing that they have had two years of college work as follows:

Physics: 120 hours of class work and 90 hours of quantitative work in the laboratory.

Chemistry: lecture courses in inorganic and organic chemistry, with 150 hours of inorganic and 90 of organic laboratory work.

Biology: lecture courses in General Biology and 180 hours of laboratory work and a reading knowledge of French or German, or

Two years of College work in biology, chemistry and physics as set forth in Groups IV and VI and in addition possess a reading knowledge of French or German.

III. Those who give evidence by examination that they possess the general education implied by a degree in Arts or Science from an approved college or scientific school, and in addition, the required knowledge of French, German, Latin, physics, chemistry and biology indicated in section II.

APPLICATION BLANKS

APPLICATION FOR ADMISSION SHOULD BE MADE TO THE SECRETARY, WHO WILL FURNISH DETAILED INFORMATION AND BLANKS, RELATING TO THE PREVIOUS COURSE OF THE APPLICANT.

CERTIFICATES

APPLICANTS ARE REQUIRED TO FURNISH DETAILED CERTIFICATES FROM OFFICERS OF THE COLLEGE OR SCIENTIFIC SCHOOLS AT WHICH THEY HAVE STUDIED AS TO THE COURSES PURSUED IN BIOLOGY, CHEMISTRY AND PHYSICS.

FOREIGN CERTIFICATES

STUDENTS WHO PRESENT CERTIFICATES FROM FOREIGN SCHOOLS MUST HAVE THEM ACKNOWLEDGED AND SEALED BY SOME PROPERLY CONSTITUTED OFFICER OF THEIR GOVERNMENT IN ADDITION TO THE SEAL OF THE COLLEGE AND THE SIGNATURE OF THE HEAD OF THE SCHOOL.

REQUIRED SUBJECTS

Group I

English Language—3 units.

(*a*) English Grammar.
(*b*) Rhetoric and Composition.
(*c*) Reading Classics.

Group II

History—2 units.

History of the United States, as presented by standard authors, one unit.

General History as presented by Myer's, or equivalent text, one unit.

Greek and Roman History or English History will be accepted as a substitute for General History.

Group III

Mathematics—3 units.

Algebra—through quadratics—standard authors, one unit.

Geometry—plane and solid—standard authors, one and one-half units.

Plane Trigonometry—one-half unit.

Group IV

Physics—two units.

In physics the candidate should have followed a collegiate course for at least two years. This course should include two hours a week of classroom work, and at least four hours a week of *quantitative work in the laboratory.* Special attention should be given to theoretical mechanics, and to the mechanical and electrical experiments; or

Physics: 120 hours of class work and 90 hours of work in the laboratory for those taking the regular two years' college course.

Chemistry—two units.

The candidate should have followed a course in general chemistry for at least two years. This course should include two hours a week of class-room work, and four hours a week of laboratory work through two years. The lectures and laboratory work must cover the outlines of inorganic and organic chemistry; or

Chemistry: lecture courses in inorganic and organic chemistry, with 150 hours of inorganic and 90 hours of organic laboratory work for those taking the regular two years' college course.

Botany and Zoology—one unit each.

The candidate should have followed for at least two years a laboratory course of six or more hours a week, upon the structure, functions and life histories of selected types of animals and plants, or

Biology: lecture courses in General Biology and 180 hours of laboratory work for those taking the regular two years' college course.

Group V

Modern Languages—2 units.

French or German. The applicant must be able to read French or German.

Group VI

Latin—2 units.

(*a*) Grammar.

(*b*) Prose Composition.

(*c*) Reading—Four books of Cæsar's Gallic War.

For those prospective medical students who cannot meet the above requirements, a six years' course is recommended. Provision for such a course has been made in connection with the College of Arts and Sciences of Howard University.

For additional information, apply to the Secretary of the Medical Faculty, W. C. McNeill, M. D.

CREDIT FOR WORK IN ACCREDITED MEDICAL COLLEGES

It is considered desirable for students to complete their course in medicine at the institution at which they first matriculate. If, however, for any good reason, a change is desired, students from other medical colleges recognized by this Institution may be admitted to advanced standing under the following conditions:

FIRST: They must present a letter of honorable dismissal from the school they have attended, showing that they were in good standing and that all their bills were paid.

SECOND: They must present satisfactory evidence that they have, at the time they enter this College, fully completed the preliminary educational requirements for admission to the School.

THIRD: They must present credentials from the Dean or Secretary of the college which they have attended, properly signed and sealed, showing that they have been registered medical or dental students, and in residence for the time for which credit is sought.

FOURTH: They must present satisfactory evidence from the college attended showing that the amount and character of work they have completed is such as to entitle them to the advanced standing they seek in this College.

Credit may be given to the holder of a Bachelor's Degree from an approved college or university for any work in the medical branches which he has successfully completed in his college course, only so far as it is the full equivalent of corresponding work in the medical curriculum. The holder of such Bachelor's Degree may also be given time credits of not exceeding one year, provided that such student has had the required number of hours in physics, and chemistry, 24 hours in osteology, 292 hours in human or comparative anatomy, 124 hours in histology, 85 hours in embryology, 200 hours in physiology and 90 hours in Materia Medica; provided, that the applicant for such time

credits satisfies the professors of the chairs mentioned in the medical school as to his proficiency in these first-year medical studies. Such student may be allowed to complete a course for the medical degree in not less than 31 months, provided he completes the remainder of the medical curriculum in that time.

CURRICULUM

The curriculum comprises Anatomy, Physiology, Histology, Materia Medica, Pharmacology, Therapeutics, Electro-therapeutics, Toxicology, Obstetrics, Embryology, Practice of Medicine, Surgery, Minor Surgery, Hygiene, Dietetics, Pathology, Medical Zoology, Post-Mortem Work, Clinical Microscopy, Bacteriology, Gynecology, Pediatrics, Ophthalmology, Otology, Dermatology, Laryngology, Rhinology, Mental and Nervous Diseases, Genito-Urinary Diseases, Physical Diagnosis, Medical Jurisprudence, Tropical Medicine, and Anaesthetics.

Students are required to attend at least four courses of lectures in separate years, and pass a satisfactory examination in each branch of study, before becoming eligible for the Degree of Doctor of Medicine. The subjects of study for Freshmen are Anatomy, Physiology, Physiological Chemistry, Histology, Materia Medica, Pharmacology, Embryology. For Sophomores, Anatomy, Urinalysis, Hygiene, Dietetics, Physiology, Therapeutics, Toxicology, Bacteriology, General Pathology, Electro-therapeutics, Medical Zoology and Physical Diagnosis. For Juniors, Obstetrics, Practice of Medicine, Pediatrics, Surgery, Physical Diagnosis, Pathology, Dermatology, Orthopedics and Clinical Microscopy. For Seniors, Practice of Medicine, Surgery, Gynecology, Ophthalmology, Otology, Orthopedics, Genito-Urinary Diseases, other specialities and Medical Jurisprudence. Post-mortem work as often as practicable, and available to all the classes.

GRADUATION

Candidates for the degree of Doctor of Medicine shall be at least twenty-one years of age and of good moral character; shall have attended four courses of lectures, etc., above described, at some regular medical college, the senior course at least being at this School. They shall pass the final examinations, and shall have paid their fees in full. Students who have attended three courses of lectures in another school, affiliated with the Association of American Medical Colleges,

may be examined for a degree on completing their senior course at this School, and shall be examined in all the senior branches and also in those branches which they have not previously passed. Senior students who fail in their examinations must repeat their senior studies.

SUMMARY OF THE REGULAR FOUR YEARS' COURSE

The graded curriculum is arranged as follows:

Freshman Year

ANATOMY.—Lectures, 2 hours; practical work, 16 hours; recitations, 4 hours a week for first semester; lectures, 2 hours; practical work, 6 hours a week for second semester.

HISTOLOGY.—Lectures, 2 hours; laboratory, 4 hours a week for the session.

PHYSIOLOGY.—Lectures, 4 hours; laboratory work, 10 hours; recitation, 1 hour a week for the second semester.

MATERIA MEDICA AND PHARMACOLOGY.—Lectures, 2 hours; laboratory work, 4 hours a week for the second semester.

PHYSIOLOGIC CHEMISTRY.—Lectures, 1 hour; laboratory work, 3 hours a week for the first semester.

EMBRYOLOGY.—Lectures, 1 hour; laboratory work, 4 hours a week for the second semester.

Sophomore Year

ANATOMY.—Lectures, 3 hours a week for the session; recitations, 2 hours a week for the second semester.

PHYSIOLOGY.—Lectures, 4 hours; laboratory work, 10 hours a week for the first semester.

THERAPEUTICS.—Lectures, 2 hours; laboratory work, 2 hours a week for the first semester.

URINALYSIS.—1 hour a week for the second semester.

BACTERIOLOGY.—Lectures, 4 hours; laboratory work, 12 hours a week for the first semester.

PATHOLOGY.—Lectures, 4 hours a week; laboratory work 12 hours for the second semester.

TOPOGRAPHIC ANATOMY.—2 hours a week for the second semester.

Physical Diagnosis.—Lectures, 2 hours a week for the second semester.

Preventive Medicine, Hygiene and Dietetics.—Lectures, 2 hours a week; laboratory work, 2 hours a week for the second semester.

Bandaging.—2 hours a week for the second semester.

Surgical Pathology.—Lectures, 2 hours a week for the second semester.

Medical Zoology.—2 hours a week for the first semester.

Electro-Therapy.—2 hours a week for the second semester.

Junior Year

Pathology.—Laboratory work, 10 hours a week for the first semester.

Obstetrics.—Lectures, 2 hours; clinics, 6 hours a week for the session.

Surgery.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour a week for the session.

Orthopedics.—Lecture, 1 hour a week from November to May 1st.

Practice of Medicine.—Lectures, 2 hours; clinics, 6 hours; recitation, 1 hour a week for the session.

Clinical Microscopy.—4 hours a week for the session.

Dermatology and Syphilology.—Lectures, 2 hours; clinics, 2 hours a week for the first semester.

Pediatrics.—Lectures, 2 hours a week for first semester; clinics, 2 hours a week for the session.

Senior Year

Gynecology.—Lectures, 2 hours; clinics, 6 hours a week for the session.

Surgery.—Lectures, 2 hours for the first semester; clinics, 6 hours; recitation, 1 hour a week for the session.

Practice of Medicine.—Lectures, 2 hours; clinics, 8 hours; recitation, 1 hour a week for the session.

Orthopedics.—Clinics, 4 hours a week from November to May 1st.

Ophthalmology.—Lectures, 2 hours; clinics, 4 hours a week for first semester.

MEDICAL JURISPRUDENCE.—Lectures, 2 hours a week for the first semester.

MENTAL AND NERVOUS DISEASES.—Lectures, 1 hour for first semester; clinics, 1 hour a week for the session.

OTOLOGY AND LARYNGOLOGY.—Lectures, 1 hour a week for first semester; clinics, 2 hours a week for the session.

GENITO-URINARY DISEASES.—Lectures, 1 hour a week for first semester; clinics, 2 hours a week for the session.

TROPICAL MEDICINE.—Lectures, 15 lectures beginning February 1st.

POST-MORTEMS.—As often as practicable.

THE DENTAL COLLEGE

(This College is a member of the National Association of Dental Faculties.)

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President.

EDWARD ARTHUR BALLOCH, A. M., M. D.,
Professor of Oral Surgery.

DANIEL SMITH LAMB, A. M., M. D., LL. D., Vice Dean,
Professor of Anatomy.

ANDREW JOHN BROWN, D. D. S., Vice Dean, Dental College,
Professor of Operative Dentistry and Operative Technic.

WILLIAM CLARENCE McNEILL, M. D., Secretary.

CLARENCE HENRY HOWLAND, D. D. S.,
Emeritus Professor of Dental Anatomy and Pathology.

HENRY PORTER DAVIS, D. D. S.,
Professor of Prosthetic Dentistry, Dental Metallurgy and Prosthetic Technic.

FREDERIC PELHAM BARRIER, D. D. S.,
Superintendent Dental Infirmary and Lecturer on Dental Anatomy.

AMBROSE ELLEYA GASKINS, D. D. S.,
Demonstrator in Dental Infirmary and Lecturer on Crown and Bridge Work.

THOMAS WILLIAM EDWARDS, D. D. S.,
Demonstrator in Dental Infirmary.

COLLINS MARSHALL, M. D.,
Professor of Pathology.

PAUL BARTSCH, M. S., Ph. D.,
Professor of Histology; Director of Physiologic and Histologic Laboratories.

MARCUS WARD LYON, JR., M. D., Ph. D.,
Professor of Bacteriology and Director of Bacteriologic Laboratory.

EDWARD DAVIS WILLISTON, A. M., M. D.,
Professor of Medical Jurisprudence.

HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry.

CHARLES IGNATIUS WEST, M. D.,
Associate Professor of Anatomy.

JOHN WILLIAM MITCHELL, M. D., PHAR. D.,
Professor of Materia Medica and Therapeutics.

ERNEST EVERETT JUST, A. B.,
Professor of Physiology.

ALBERT RIDGELEY, M. D.,
Associate Professor (and Demonstrator of Anatomy).

REQUIREMENTS FOR ADMISSION TO THE DENTAL COLLEGE

The candidate may be admitted to the Dental College upon presenting a diploma or equivalent certificate from an accredited high school or kindred educational institution, or upon passing a satisfactory examination. The diploma must be signed by a superintendent of schools or the principal of a high school, or other responsible school officer. A certificate showing that a candidate has been graduated from an accredited high school, or from a school giving an equivalent course, signed by a city or county superintendent of schools, or by a state superintendent of public instruction, will be accepted as the equivalent of a diploma. A candidate who does not present a diploma or certificate must take an examination before a state superintendent of public instruction, or his deputy, and bring a report showing that the candidate has a preliminary education equivalent to that to be obtained in an accredited high school.

As it is desirable that students register early, this School will receive no student in its regular course who is not present within ten days after the opening day of the session in each year, or, in case of necessary delay, by reason of illness properly certified by the attending physician, within twenty days after the opening day, at option of the Faculty.

Students registering agree thereby to accept the discipline imposed by the Faculty.

ADMISSION TO ADVANCED STANDING

Students who present certificates from other recognized dental schools covering subjects required in this College, will be accredited with such studies if the credentials are satisfactory to the professors in the respective departments, but when admitted to the third year, the candidate must do one full year's work in this School. Graduates of recognized medical colleges are credited with one year of time.

COURSE FOR DEGREE OF DOCTOR OF DENTAL SURGERY

The course covers three years. The year begins on the first day of October and closes on Commencement Day of the University. There are thirty-two weeks of actual instruction given, six days in each week.

METHODS OF INSTRUCTION

The studies of the course are grouped by departments; the work of each department is graded from the more general and fundamental subjects to the more specialized and advanced.

The work in each department is planned with reference to that of other departments, and the greatest care is taken that the whole shall be so correlated that the student in taking up a new subject will find himself prepared by work done in other departments.

The course of study pursued in each year is different from that of each other year.

CURRICULUM

The curriculum comprises Anatomy, Anæsthesia, Physiology, Histology, Materia Medica, Therapeutics, Chemistry, Toxicology, Metallurgy, Oral Surgery, Operative and Prosthetic Dentistry, Dental Technic, Pathology, Bacteriology, Hygiene, Orthodontia and Dental Jurisprudence.

REQUIREMENTS FOR GRADUATION

The degree of Doctor of Dental Surgery is conferred upon those candidates not less than twenty-one years of age, of good moral character, who have completed satisfactorily the required course of study have passed the examinations therein, and have fulfilled all technical and practical laboratory and clinical requirements. No student will be recommended for a degree who has not been a member of this School during the whole of the last or senior year. The standing of students is based upon examinations, monthly reports of attendance, quizzes and infirmary practice.

No student will be recommended for a degree until all financial obligations to the University shall have been discharged.

SCHOLARSHIPS

The Faculty of the School of Medicine has granted free scholarships in the Dental College to graduates of the M Street High School and the Armstrong Manual Training School, Washington, D. C. The recipients of these scholarships are to be named by the Faculty Council of this College upon proper recommendation.

SPECIAL LECTURES

At stated times important special lectures will be given. The object of these lectures is to afford the student an opportunity to attend special courses given by dental practitioners who are eminent in some special branch of the subject.

These lectures, which are accompanied by clinical demonstrations, add greatly to the value of the regular course.

DENTAL INFIRMARY

Frederick P. Barrier, Superintendent.

Ambrose E. Gaskins, D. D. S., Senior Demonstrator.

Thomas W. Edwards, D. D. S., Demonstrator.

The Dental Infirmary and Laboratory have been moved to a larger building, with 6,000 square feet of floor space, which is well lighted, ventilated and gives increased facilities. New dental chairs and laboratory apparatus have been added so that the equipment of these de-

partments compares favorably with that of the best colleges, and is especially designed for the successful teaching of modern dentistry. The opportunities offered students for special preparation to enter private practice are not exceeded by any other college.

The Infirmary is open the year round, daily, except Sunday, from 10 A. M. to 5 P. M. It is in charge of educated and experienced demonstrators. Here are taught in practice the theories set forth by the three chairs. Abundant clinical material is always at hand, and students are required to perform all operations in ordinary practice. No student is excused from this service. The outfit of the Dental Infirmary and of the laboratory is complete.

Students furnish their own instruments, except forceps, lathes and vulcanizers. Dental engines can be bought for from $15.00 to $36.00 apiece. A list of the necessary instruments will be furnished to first-year students, the cost of which will not exceed $20.00.

Special pains will be taken to make the course of teaching practical and at the same time thorough.

No student can enter the senior class unless he has the certificate of the demonstrator and professor that he has attended the regular afternoon clinics during the session.

The fact that the immense hospital of the University, with all its wealth of instruction, is free to the dental classes, and that this hospital is at the very door of the College, makes the opportunity for study unsurpassed.

All friends of the College are requested to add to the collection of curiosities and abnormal specimens now accumulating. Dentists are reminded that the abnormal specimens lying idle in their cabinets may be of great benefit to the student.

THE PHARMACEUTIC COLLEGE

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President.

EDWARD ARTHUR BALLOCH, A. M., M. D., DEAN.

JAMES HERVE PURDY, Phar. D., VICE-DEAN,
Professor of Pharmacy, and in charge of Pharmaceutic Laboratory.

WILLIAM CLARENCE McNEILL, M. D., SECRETARY.

EDGAR BURNETT KEEMER, Phar. C.,
Professor of Theory and Practice of Pharmacy.

JOHN WILLIAM MITCHELL, M. D., Phar. D.,
Professor of Materia Medica and Therapeutics.

HERBERT CLAY SCURLOCK, A. B., M. D.,
Professor of Chemistry, Toxicology and Urinalysis.

ERNEST EVERETT JUST, A. B.,
Professor of Physiology.

MARCUS WARD LYON, JR., M. D., Ph. D.,
Professor of Miscroscopy and Bacteriology; Director of the Bacteriologic Laboratory.

ADVANTAGES

It is of great advantage to the students of pharmacy to attend a college where medicine, dentistry and pharmacy are taught simultaneously. Students of pharmacy have the benefit of thus associating with a large number of students in annual attendance, coming from all parts of the world, and, as students comprising the different schools are considered on an absolute equality, all have the access to the various clinics, etc., thus affording the students of pharmacy an exceptional opportunity of association with students pursuing studies so intimately related as the professions of pharmacy, medicine and dentistry.

REQUIREMENTS FOR ADMISSION

Applicants for admission must present a certificate of good moral character and fitness to enter upon the study of Pharmacy, shall be at least seventeen years of age, and shall have had eight years of grammar school work and two years of high school work or its equivalent, which shall include one year's study in Latin.

ENTRANCE WITHOUT EXPERIENCE

Students are not required to have drug store experience at entrance, and many students enter college who have never worked in drug stores. However, such experience is very desirable, and students are advised to acquire it before taking up the study of Pharmacy.

SCHOLARSHIPS

The Faculty of the School of Medicine has granted free scholarships in the Pharmaceutic College to graduates of the M Street High School and the Armstrong Manual Training School. The recipients of these scholarships are to be named by the Faculty Council of this College upon proper recommendations.

COURSE OF STUDY

Three years' study required before graduation.

The rapid progress made in the sciences and arts directly affecting the practice of Pharmacy, and the widely diversified knowledge now required to keep the pharmacist in touch with the best results of modern research, have made an extension of the course of instruction imperatively necessary. Students entering the College will therefore be required to take a course of study covering a period of three years before they will be entitled to graduation. Upon entry, students will be assigned to the first year class, from which, after passing a satisfactory examination, they will be promoted to the second year and senior classes at the end of the first and second scholastic years respectively.

CURRICULUM

The curriculum comprises Chemistry, Toxicology, Urinalysis, Botany, Materia Medica, Therapeutics, Pharmacy, Pharmacology, Microscopy, Physiology, and Bacteriology.

The course in pharmacy comprises three sessions, each of not less than thirty teaching weeks' duration.

LECTURES, ETC.

Instruction will include didactic lectures, recitations and laboratory work.

The student is admonished that his conduct in the laboratory, his punctual attendance in his classes and interest shown in his work, will have great weight with his instructors, while the lack of these qualities will certainly act against him.

Students will be required to have the necessary text-books for each branch at the beginning of the session. It has been so arranged that only such books as are needed will have to be purchased at once.

EXAMINATIONS

Examinations are held during the week preceding the Christmas vacation. At the close of the session of the first year, students are examined upon the subject matter of the courses included in the year's work. Students failing in three of the subjects of either year are required to repeat the whole year's work and are not eligible for promotion. Students who are conditioned in the subjects of the first year, but who have passed in a majority of them, are examined on the subjects in which they have conditions at the opening of the succeeding session. Failing to pass then they are required to repeat the course in the subjects on which they are conditioned, in addition to the work of the other year.

ADMISSION TO ADVANCED STANDING

Students who have attended one or more courses of lectures at some other registered college of pharmacy will be admitted to the same class of this College upon presentation of evidence that they have successfully passed their examinations, to which they are entitled by reason of time spent and branches passed.

The final examinations, of which due notice will be given, are held during the two weeks preceding commencement. For admission to senior examinations, attendance upon three full courses of lectures and the laboratory courses is required.

REQUIREMENTS FOR GRADUATION

The diploma of the College confers the degree of DOCTOR OF PHARMACY (Phar. D.). Applicants for this degree must have had

the required preliminary education, be of good moral character, have attended three full courses in this College, or the last course in this College and the first two in some other registered college of pharmacy, have passed satisfactory examinations and paid all fees as hereafter stated.

POST-GRADUATE SCHOOL AND POLYCLINIC FOR MEDICINE

Stephen Morrell Newman, A. M., M. D., *President.*

Edward Arthur Balloch, A. M., M. D., *Dean.*

Daniel Scott Lamb, A. M., M. D., LL. D., *Vice-Dean.*

William Clarence McNeill, M. D., *Secretary.*

GENERAL STATEMENT

The Medical Faculty desires to inform the Alumni of the Medical College of Howard University, and the profession throughout the country and the British West Indies, that the *eighth session* of the Howard University Post-Graduate School and Polyclinic will begin June 1, 1915, and continue six weeks.

FEES

The fees will be as follows: For the entire Medical Course, $100.00; for Surgery alone, $50.00; Gynecology alone, $50.00; for any other one subject, $25.00. These fees must be paid in advance. Breakage in laboratories at cost price.

For additional information apply to W. C. McNeill, M. D., Secretary, Fifth and W Streets, N. W.

TEXT-BOOKS RECOMMENDED

May be obtained at the College at catalogue prices.

Anatomy.—Gray, Piersol, Morris, Eckley's or Cunningham's Practical Anatomy, Young's Hand-book, Black's Dental Anatomy, Davis' Applied Anatomy, Heisler's "Dissector."

Bacteriology.—Jordan, medical; Goadby, dental; Schneider, pharmaceutic. Reference Books: Park, Hiss & Zinsser, Herzog, McFarland, Muir & Ritchie, Sternberg.

Botany—Gray's Manual, Sargent's Plants and Their Uses.

Chemistry—Sadtler and Coblentz, Perkins & Kippin Organic Chemistry, Simon's Manual of Chemistry, Scurlock's Laboratory Manual.

Clinical Microscopy.—Emerson, Simon, Wood.

Dental Anatomy.—Black, Broomell's Anatomy and Histology of Mouth and Teeth. Notes on Dental Anatomy, Technic, etc., Weeks.

Dental Pathology and Therapeutics.—Burchard, Gorgas, Dental Medicine.

Dental Surgery.—Guilford's Orthodontia, Kirk's American Text-book, Garretson's Oral Surgery, Ivy's Anatomy and Oral Surgery.

Dentistry, Prosthetic.—Essig's American Text-book, Evan's Crown and Bridge Work, Richardson's Mechanical Dentistry, Hall's Chemistry and Metallurgy, Operative Dentistry, Black, Johnson, Kirk.

Dermatology.—Hyde, Shoemaker, Stellwagon, Jackson, Grindon and Gallaudet, Crocker, Norman, Walker, Pye-Smith, Schamberg.

Diagnosis.—Hare, Butler.

Dictionary, Medical.—Gould, Duane, Dunglison, Dorland, Stedman's.

Dietetics.—Pattee.

Electro-Therapeutics.—Kassabian, Tousey.

Embryology.—Heisler, McMurrich, Minot, Quain.

Genito-Urinary.—White and Martin.

Gynecology.—Gilliam, Montgomery, Ashton, Kelly, Clark's Gynecological Diagnosis, Dudley.

Histology.—Piersol, Sterling, Boehm, Davidoff and Ferguson.

Hygiene.—Harrington, Bergey, Rohé.

Medical Jurisprudence.—Bray, Taylor, Reese.

Materia Medica.—White and Wilcox.

Nervous and Mental Pyschiatry.—Mendel, Paton; *for reference,* Krafft-Ebing.

Obstetrics.—Edgar, Jewett, Hirst, Schæffer's Hand Atlas, Saunder's Atlases, King's.

Ophthalmology.—Fuchs, deSchweinitz, May, Nettleship, Jackson or Swanzy on the Eye.

Otology and Laryngology.—Kyle on Nose and Throat; Douglas or Grayson on Nose and Throat; Barnhill and Wales' Modern Otology; Dench on the Ear; Packard on Nose and Throat; Gleason, Coakley.

Pathology.—Coplin, Adami, Mallory.

Pediatrics.—Fischer, Carr, Morse, Holt.

Pharmacy.—U. S. Dispensatory, 19th ed., U. S. Pharmacopoeia, Casparai's Pharmacy, National Formulary; Steven's Arithmetic of Pharmacy; Scovill's Art of Compounding; Cubreth's Materia Medica and Pharmacy, National Dispensatory, Remington's Practical Pharmacy, Ruddiman's Incompatibilities.

Works of Reference.—Army's Practical Pharmacy, Coblentz's Handbook of Pharmacy.

Physiology.—Howell, Tigerstedt, Brubaker, Ott.

Practice of Medicine.—Osler, Anders, Tyson, *No compends.*

Surgery.—Park, Da Costa, Rose and Carless, Spencer and Gask, Brewer, McGuire's Principles of Surgery, Ashhurst.

Physical Diagnosis.—Cabot, Musser, Gerhart and O'Riley.

Therapeutics.—Hare, Wood, Butler, Shoemaker, Potter.

Toxicology.—Wormley's Microchemistry.

Urinalysis.—Saxe, Ogden.

Text-books, Medical and Dental, for the first year cost about $25.00; second year, $30.00; third year, $25.00; and fourth year, $30.00. The cost of text-books for the course in pharmacy is about $25.00.

Students must provide themselves with the necessary text-books, which must be the latest editions. Each professor will examine the students in his class and report anyone not having a text-book. Students without the necessary text-books will not be admitted to their classes until provided therewith.

THE SCHOOL OF LAW

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.
President.

BENJAMIN FARNSWORTH LEIGHTON, LL. D., Dean.
Lecturer on Elementary Law, on the Law of Contracts, and Constitutional, and Statutory Law; also Judge of Appellate Court.

ARTHUR ALEXIS BIRNEY, LL. B. (late U. S. District Attorney.)
Lecturer on Pleading and Practice (at Law and Equity), Equity and Admiralty Jurisprudence; also Judge of Appellate Court.

WILLIAM HENRY HARRISON HART, A. M., LL. M.
Lecturer on Torts, Crimes and Misdemeanors, Corporation, Criminal Pleading and Practice.

WILLIAM HENRY RICHARDS, LL. B.
Lecturer on Evidence, Personal Property and International Law; Judge of Appellate Court.

GEORGE FRANCIS WILLIAMS, LL. M.
Lecturer on the Law of Real Property and Commercial Paper.

MASON NOBLE RICHARDSON, A. M., LL. B.
Lecturer on Partnership, Sales, Executors and Administrators, Insurance, Instructor in Pleading and Practice, Judge of Moot Court.

ROBERT HEBERTON TERRELL, A. M., LL. M. (Judge Municipal Court, D. C.)
Lecturer on Jurisprudence, Practice of Inferior Courts, Legal Ethics and Domestic Relations; President of the Blackstone Club.

DION SCOTT BIRNEY, A. B., LL. B.
Instructor in American Cases on Contracts.

*JAMES F. BUNDY, A. M., LL. M.
Secretary and Treasurer.

WILLIAM HENRY RICHARDS, LL. B.
Librarian.

GEORGE FRANKLIN COLLINS, LL. B.
Secretary and Assistant Librarian.

GENERAL STATEMENT

The School of Law occupies its own building, a handsome three-story structure, opposite the District Court House, at 420 Fifth Street, N. W. A brief description of the building may be found on page 22.

ADVANTAGES

Washington offers exceptional opportunities to students of law. The fact that Congress assembles here; that here the Supreme Court of the United States and the Court of Claims, with its special jurisdiction, sit; that the various Executive Departments of the general government are located here, should present to the thoughtful, ambitious law student cogent reasons for spending his school life in Washington.

Besides these special advantages, found nowhere else, the Supreme Court of the District of Columbia is trying causes, civil and criminal, in accordance with the principles of common law practice and procedure, most of the year, and the Equity Court holds a term every month except August. To all these courts students have free access.

There is a superior working law library connected with the school. It is open to students during the school year, at suitable hours.

The Congressional Law Library of upward of 50,000 volumes is open to the public twelve hours each day, thus furnishing gratuitously to the student unsurpassed facilities for investigation.

ADMISSION

All applicants for admission as students in the School of Law must be graduates of some recognized college, high school or academy, and all, except such graduates of some recognized college or university, must pass a preliminary examination. Professor Richards meets applicants for examination on Mondays and Wednesdays during September.

*Deceased.

Those desiring to become members of the school should enter their names upon the register of students in the hands of the Secretary, at or before the opening of the academic year, from which registry the roll of students is made up.

It is advised that Blackstone's or Kent's Commentaries and the Federal Constitution be read before entering. A good law dictionary is almost indispensable; Bouvier or Anderson is recommended.

COURSES OF STUDY AND DEGREES

The regular course for the degree of Bachelor of Laws covers a period of three years, and is divided into Junior, Middle and Senior.

The text-books to be used, subject to change, of which due notice will be given are as follows:

First year: Robinson's *Elementary Law;* Blackstone's *Commentaries;* Tiedeman on *Real Property,* as far as the chapter on Trusts; Darlington's *Personal Property;* Lawson on *Contracts,* enlarged edition; Daniel and Douglas' *Elements of the Law of Negotiable Instruments;* Schouler on *Domestic Relations;* Hale on *Torts;* Clark on *Criminal Law.*

Middle Year: Andrew Stephen's *Pleading;* Adams on *Equity;* Shepard's *Selected Cases in Equity;* Clark's *Criminal Procedure;* Greenleaf's *Evidence,* Vol. I; Tiedeman on *Real Property;* Wambaugh's *Study of Cases; American Cases on Contracts,* by Huffcut and Woodruff.

Senior Year: Cooley's *Principles of Constitutional Law;* Boyd's *Constitutional Law Cases;* Clark on *Corporations;* Burdick on *Partnership;* Burdick on *Sales;* Elliott on *Insurance;* Greenleaf on *Evidence,* Vols. II and III; Schouler's *Executors and Administrators;* Wolsey on *International Law.*

Students anticipating the study of law, as well as those already registered in the School of Law, who may feel the need of strengthening their general education may pursue without extra charge courses in English History, American History, Latin, French, Argumentation, and Political Science, in the regularly organized classes of the College of Arts and Sciences. Courses in Economics, Psychology, History, International Law, Commercial Law, Logic, Ethics and Sociology are also open to students of the School of Law.

Special lectures are given on special subjects by eminent members of the legal profession from time to time.

It is absolutely necessary for the proper mastery of the course of study prescribed that each student should own a complete set of text-books named above; failure to do so will hinder proper advancement and the mastery of the subjects discussed, and has, in the past, frequently prevented students from obtaining degrees, either absolutely or within the time laid down in the curriculum.

Classes meet at 6.15 each week day during the scholastic year, excepting the usual holidays. This enables many young men who have employment during the day to take advantage of the opportunity offered in the School of Law to equip themselves for larger usefulness. The course of study is so adjusted that the student may extend his studies over a series of years for the completion of the course, or may pursue partial courses and special subjects, receiving due credits for the same.

There are written examinations during the year in all the subjects embraced in the curriculum, in addition to which three are daily oral examinations of students on topics previously assigned or discussed.

The general deportment of students, their attention to study, the accuracy and fullness of their answers to the daily examinations are taken into account, in connection with the written examinations, in determining the worthiness of applicants for degrees.

The American Law Book Company, will present, through the faculty, a complete set of Cyc, with its annual annotations, to date, to the student of the senior class, who shall take the highest scholarship honor for the period of his senior year.

COURTS AND CLUBS

A MOOT COURT, under the supervision of Prof. Mason N. Richardson, sits weekly, and is made to resemble, as far as possible, an ordinary court of common law and equity jurisdiction. Cases are assigned to students on prepared statements of facts, pleadings are drawn and argument had upon the legal propositions involved, the same as in actual cases. Students thus obtain a better practical knowledge of pleading and practice than can be acquired in any way aside from the trial of actual cases.

The Blackstone Club meets weekly for the discussion of legal questions drawn from leading cases. The questions to be discussed are prepared by Dean Leighton.

This organization was formed mainly for the benefit of the Juniors, but members of the other classes generally participate in the discussions. Thus the student has, from his entrance upon his studies until he gets his degree, a constant drill in the discussion of legal questions and practice in forensic debate.

An Appellate Court has also been organized, which will sit to hear cases on appeal from the Moot Court or Blackstone Club at such times as may be designated by the court, and the audit of the appeal Docket may require.

The School has no funds with which to aid indigent students. Energetic, industrious students can often succeed in securing employment in the various boarding houses and hotels of the city, by which they succeed in working out their board and often net a little money besides.

Tuition $50, payable semi-annually in advance. Library fee, $1; athletic fee, $1, payable annually in advance. A matriculation fee of $5 is charged by the University, payable by those who have never enrolled in any department. Fee for diploma at graduation $7.

The cost of books for the first year is about $30; for the second, $20.

School year, October 1st to May 25th. For further information, apply to

George F. Collins, *Secretary,*

Law School Building, 420 Fifth Street, N. W., Washington, D. C.

THE ACADEMY

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.
President.

CHARLES SUMNER SYPHAX, A. B., LL. M., DEAN.
Associate Professor of Mathematics.

GEORGE JOTHAM CUMMINGS, A. M.
Professor of Latin and Greek.

EDWARD PORTER DAVIS, A. M.
Associate Professor of Latin and Greek.

SARAH ANNIE BARKER, A. M., Pd. B.
Instructor in English.

SARAH NEVELLE MERIWETHER, A. B.
Instructor in English and History.

DANIEL WEBSTER EDMONDS, Ph. B.
Instructor in Latin.

CYRUS WESLEY MARSHALL, A. B.
Instructor in Mathematics.

HALLIE ELVERA QUEEN, B. S.
Instructor in German and French.

FRANK COLEMAN, B. S.
Instructor in Physics and Chemistry.

MARY EDNA BROWN, A. M.
Instructor in History and Physiography.

The following teachers give instruction to Academy classes as indicated:

THOMAS WYATT TURNER, A. M.
Instructor in Biology.

CARL JAMES MURPHY, A. M.
Instructor in German.

HAROLD DeWOLFE HATFIELD, B. S. in C. E.
Instructor in Woodworking.

HAROLD APPO HAYNES, B. S. in E. E.
Instructor in Drawing.

CHESTER ARTHUR LYLE,
Instructor in Printing.

MABEL MADISON JACKSON.
Instructor in Domestic Arts.

GERTRUDE ELIZABETH SKELTON,
Instructor in Domestic Science.

GENERAL STATEMENT

The Academy was established by the trustees of the University to provide instruction necessary for the adequate preparation of students for the "College of Liberal Arts." It was essentially at first a preparatory school; but its curriculum is now designed and adapted to meet the needs not only of those whose aim is college preparation but also of those who seek a general high school education, or who enter immediately upon professional study.

It aims to attract students of purpose and ability, and withal, of high moral standards. It is, therefore, no place for those who are so lacking in self-control as to be in constant need of parental restraint or of the special supervision of the schoolroom. A proper regard for duty and a willingness fully to meet all reasonable regulations are absolutely essential. Students whose influence is unwholesome, who manifest habitual indolence, inattention to study, or inability to make satisfactory progress in their classes will be required to withdraw from the Academy.

Opportunities for self-help are open to a few students whose conduct and scholarship are satisfactory. For information as to expense, consult statements of "Expenses" under head of General Information, page 31.

ADMISSION

Every applicant for admission is required to present a testimonial of good moral character. Those coming directly from other schools must bring or send in advance a certified statement of the work done

in the last school attended, and a certificate of honorable dismissal. The admission of a student implies, on the part of himself and of his parents, an agreement to abide by all the rules and regulations of the Academy.

All applicants for admission to the Junior class must be prepared to take examinations in the following subjects: English grammar and composition, United States history and constitution, arithmetic and geography. Applicants who have completed the eighth grade of the District public schools are admitted on certificate.

Applicants for admission to higher classes must give satisfactory evidence of their fitness to do the work of the class they wish to enter.

Credit will be given to those who present full and detailed records of work successfuly pursued in other academies or accredited high schools. These records should give the length of the school year in weeks, the number of recitations per week in each subject, the length of the recitation period and the grades made. In all cases advanced classification is tentative and conditioned on the quality of the work done here.

Examinations for admission are held on the opening days of the first semester. All applicants should present themselves at the opening. All former students, who are late in joining their classes, will be required to make up within two weeks, all work omitted by delay in registering.

SPECIAL STATEMENT

The Dean will be in his office on the Monday and Tuesday preceding the opening day in September to receive parents and students who may wish to consult with him. New students will find it advantageous to arrange their programmes of study with the Dean on either of these days.

Special attention is called to the fact that the courses in mathematics and the languages begin at the opening of the school year. Those not entering these classes at the opening must be prepared to the point reached by the class at the time of their late entrance.

Students desiring to prepare for a technical school may substitute Mechanical Drawing for Latin or German, and Woodwork or Metal Work for Biology in the Senior year of the scientific course. In the second semester of the Senior year, scientific course, Economics may be taken instead of Spherical Trigonometry.

In special cases, courses in the Conservatory of Music may be taken along with the regular academic work; but the time required for graduation from the Academy will be thereby prolonged.

GRADUATION

A student who has honorably completed the work of any one of the three regular courses of the Academy is eligible for graduation with diploma. Those fulfilling the requirements of either of the vocational courses are eligible for graduation with certificate.

A unit is a course of study which continues throughout the year with four recitations per week of an hour each. Not less than two units of Latin will be allowed to count toward graduation.

Certificates of graduation from the Academy are accepted by the leading colleges, which admit on certificate. The Faculty of the Academy points with pride to the records of many of its graduates who have entered the eastern colleges.

COURSES OF STUDY

The Academy offers five complete courses of study, the classical, the scientific, and the normal or general high school course, and two vocational courses, domestic arts and domestic science.

ACADEMIC COURSES

Junior Year

Classical	Hours	Scientific	Hours	Normal	Hours
Latin I	4	Latin I	4	Latin I	4
Mathematics I	4	Mathematics I	4	Mathematics I	4
English I	4	English I	4	English I	4
History I	3	History I	3	History I	3
Hygiene	1	Hygiene	1	Hygiene	1
Physical Training.	2	Physical Training.	2	Physical Training.	2
Manual Training.	4	Manual Training.	4	Manual Training.	4
	22		22		22

Sub-Middle Year

	Hours		Hours		Hours
Latin II	4	Latin II	4	Latin II	4
Mathematics II	4	Mathematics II	4	Mathematics II	4
English II	4	English II	4	English II	4
History II	3	History II	3	History II	3
Physiography	2	Physiography	2	Physiography	2
Physical Training	2	Physical Training	2	Physical Training	2
Manual Training	4	Manual Training	4	Manual Training	4
	23		23		23

Middle Year

	Hours		Hours		Hours
Latin III	4	Latin III or German I	4	Latin III, German I or French I	4
Greek I	5	Mathematics III	4	Mathematics III	4
English III	5	English III	4	English III	4
Physics	5	Physics	5	Physics	5
Physical Training	2	History III	3	History III	3
		Physical Training	2	Physical Training	2
	21		22		22

Senior Year

	Hours		Hours		Hours
Latin IV	4	Latin IV or German I	4	Latin IV, German II, or French II	4
Greek II	6	Mathematics IV or Psychology	3	English IV	4
English IV	4	English IV	4	History IV	3
Mathematics III or German I	4	Chemistry	5	Biology	5
Physical Training	2	Biology	5	Psychology	3
		Physical Training	2	Physical Training	2
	20		23		21

VOCATIONAL COURSES

First Year

Domestic Arts	Hours	Domestic Science	Hours
Latin I	4	Latin I	4
Mathematics I	4	Mathematics I	4
English I	4	English I	4
History I	3	History I	3
Hygiene	1	Hygiene	1
Manual Training	4	Manual Training	4
Physical Training	2	Physical Training	2

Second Year

	Hours		Hours
English	4	English	4
Latin	4	Latin	4
Chemistry	5	Chemistry	5
Drawing	2	Physiology	4
Domestic Arts	4	Domestic Science	7
Domestic Science	3	Physical Training	2
Physical Training	2		

Third Year

	Hours		Hours
English	4	English	4
German	4	German	4
Biology	4	Biology	4
Drawing	2	Chemistry	5
Domestic Arts	4	Domestic Science	7
Physical Training	2	Physical Training	2

Fourth Year

	Hours		Hours
Psychology	3	Psychology	3
History of Education	3	English	4
Methods	1	German	4
Practice in Teaching	2	Methods	2
German	4	Practice in Teaching	2
Domestic Arts	8	Physiography	3
Physical Training	2	Domestic Science	2
		Physical Training	2

DESCRIPTION OF COURSES

Latin

I. This course is devoted to the mastery of forms and elementary syntax, and to the acquirement of a working vocabulary. During the second semester there is translation of simple Latin at sight and from hearing. After the completion of the Latin lessons, easy fables and stories are read. The text in Pearson's Essentials of Latin, Revised.

II. There is further work in inflection and in the building of a vocabulary. Syntax is studied with careful attention to idioms. Translation at sight and from hearing is required. The first four books of Caesar's Gallic War are read. Prose composition based on the selections read occupies one recitation period each week. The texts used are Bennett's Caesar, Bennett's New Latin Composition, Bennett's Latin Grammar, and Leiper's Latin Subordinate Clause Syntax.

III. This course embraces six orations of Cicero—the four against Catiline, the Manilian Law, and the Archias—with selected passages from Sallust's Catiline. During the latter part of the second semester Book I, of Vergil's Aeneid and selections from Ovid's Metamorphosis are read. Latin prosody is studied and applied to the metrical reading of Vergil and Ovid. There are weekly lessons in prose composition throughout the year. Allen and Greenough's Cicero, Allen and Greenough's Latin Grammar, Kittredge's Vergil and Leiper's Latin Subordinate Clause Syntax are used as texts.

IV. The first book of the Aeneid is reviewed, and at least five others are read. Daily practice is given in applying the principles of prosody and in gaining facility in scanning. An effort is made to develop appreciation of this great epic in its literary, and moral phases. Themes are assigned on topics suggested in the reading. There is prose composition weekly throughout the year. Kittredge's Vergil, and Allen and Greenough's Latin Grammar are the texts used.

Greek

I. There is daily drill in oral and written exercises. Careful attention is given to mastery of forms and to the study of syntax. The Greek lessons are completed in the second semester, and Xenophon's Anabasis is begun. The text-books are White's First Greek Book, Goodwin's Anabasis and Goodwin's Greek Grammar.

II. In this course four books of the Anabasis are completed, with systematic review of forms and syntax. The course covers also three books of Homer's Iliad. Thorough practice is given in prosody and scanning. Sterrett's Iliad is used.

English

The courses in English include training in composition and reading of literature. They aim (1) to give the student such standards of correctness as will enable him to express his thoughts with clearness and facility, and (2) to arouse in him an interest in good books, thereby cultivating a habit of reading and a love of the best and noblest in literature.

I. In the first semester, there is a review of the principles of English grammar, in the study of which especial attention is given to the analysis of sentences, to participles and infinitives, and to verbs. Constant drill is given in oral and written composition and much attention is given to orthography, syntax and sentence structure.

In the second semester, the class reads two or more selections from College-Entrance Requirements in English; preference this year being given to George Eliot's Silas Marner and Matthew Arnold's Sohrab and Rustum. In connection with the reading, the work in composition and grammar is continued.

Text: Buehler's Modern English Grammar.

II. In the first semester the rules of punctuation are learned and applied. Reading from the College-Entrance Requirements in English is continued.

In the second semester, the class studies the general principles of Rhetoric. Composition work involving the application of rhetorical principles accompanies this study. The text-book now in use is Lockwood and Emerson's Composition and Rhetoric. This book, however, is subject to change.

III. In the third year, Milton's L'Allegro, Il Penseroso, Comus, and Lycidas are studied. Lowell's Vision of Sir Launfal, Coleridge's Ancient Mariner, Goldsmith's Deserted Village, Scott's Lady of the Lake, and other selections from College-Entrance Requirements in English are read. Occasional composition work accompanies the study and reading. Drill is given upon figures of speech and scansion of poetry.

IV. In the fourth year, Burke's Speech on Conciliation with America, or Washington's Farewell Address and Webster's First Bunker Hill Oration, Macaulay's Essay on Samuel Johnson, or Carlyle's Essay on Burns, and Shakespeare's Macbeth are studied. There are other readings from the College-Entrance Requirements in English. The general characteristics of the debate, the essay and the drama are taught. At least one theme requiring much thought and care in preparation must be presented each semester.

German

I. The work of this course consists of a study of pronunciation and the elementary principles of grammar. A constant effort is made to acquire a use of the language by reading, speaking and frequent repetition of easy sentences. Spanhoofd's Lehrbuch der deutchen Sprache is used as a text.

II. This course is a continuation of practice in speaking and writing the language, and of drill in grammar and the use of idioms. The following text-books are used, Volkmann's Kleine Geschichte; Heyse's L'Arrabbiata and Bacon's Im Vaterland.

French

I. The work of the course consists, primarily, of a thorough study of the rudiments of French Grammar. Particular emphasis is laid on pronunciation and there is frequent practice in simple conversation and reading aloud. About 200 pages of graduated French texts are read. The text-books are (1) for grammar, François Essentials of French; (2) for reading, Lazare's Les Plus Jolis Contes des Feés.

II. This course is devoted largely to the translation of French prose and poetry. There is constant drill on the idiom and at least a third of the time is spent on systematic prose composition and dictation. About 300 pages of French texts are read. The text-books are (1) for grammar, first half of Colin and Sérafaron's Principles of French. (2) for reading, Rollin's French Reader and Daudet's Tartarin de Tarascon.

Mathematics

I. Elementary Algebra. The course comprises the study of Elementary Algebra through quadratics. Four hours a week for one year are given to it. It aims not only to acquire readiness and accuracy in

abstract manipulations, but also to train in the solution of concrete problems by means of the equation. Drill necessary to secure these results is abundantly given.

The text-book is Wentworth and Smith's Academic Algebra.

II. Plane Geometry. This course covers the five books of Plane Geometry. Four hours a week, for one year. At first the work is receptive and so continues until the student acquires the art of rigorous demonstration; after which he is required to do much original and independent work. By means of numerous graded exercises he is stimulated to invent demonstrations for himself. Concrete exercises are also given.

The text-book is Wentworth and Smith's Plane and Solid Geometry.

III. (a) Solid Geometry. This course, embracing the three books of Solid and Spherical Geometry is completed in the first semester. Clear conception, concise statement, careful construction and logical demonstration are uniformly insisted on. Independent work in numerical computations is required. Four hours a week during first semester.

III. (b) Intermediate Algebra. This work includes a review of the fundamental topics treated in Mathematics I, and in addition, embraces a careful study of equations in quadratic form, simultaneous quadratics, ratio and proportion and the progressions. Some familiarity with logarithmic tables is given. Four hours a week. during second semester.

IV. (a) Plane Trigonometry. The course in Plane Trigonometry includes the fundamental definitions, the development of general formulas and their application to problems; the solution of right and the oblique triangle and numerous trigonometric equations. Three hours a week during the first semester. Full credit for the course is given in the School of Liberal Arts.

IV. (b) Spherical Trigonometry, when elected is taken with Freshmen in the School of Liberal Arts. Three hours a week, during the second semester.

History

I. Ancient History. The course deals with Greece and Rome principally but includes some account of the Oriental nations and of the

Middle Ages to the ninth century. Emphasis is laid on the geography of the ancient world. Text: Myer's Ancient History.

II. English History. This course traces the development of the political institutions and the progress of the English people along social, industrial and economical lines. Emphasis is laid on the early mingling of races, the rise of Parliament and the relation of England to her colonies. The aim is to develop an appreciation of historical movements and events, and the ability to form accurate judgments. Geography receives due attention. Text-book: Cheyney's Short History of England.

III. American History. This course presupposes a knowledge of the elementary facts, such as is gained in a good grammar school. The distinctive features and controlling forces of colonial and national life are studied topically. Especial attention is given to the Greater United States, to the insular possessions and to the present relations of the United States with other countries. Students are required to do much outside reading. The text used is Muzzey's American History.

IV. Civics and Economics. This course is intended to give the student a thorough knowledge of American constitutional law, and to prepare him for active and intelligent citizenship. It acquaints him with the machinery and varied activities of the American government and encourages the study of modern problems and conditions. Collateral reading is assigned. The second semester is devoted to the elements of Economics with special reference to the problems which confront the United States to-day. Students will be required to read "Current Events" and to attend lectures and the sessions of Congress when necessary and possible. The text used in Clark's Civil Government.

Physics

This course is required of all Middlers. It aims to give a simple presentation of some fundamental physical laws and their application to practical life. The work consists of recitations, lectures, the preparation of short papers, and the making of laboratory notes and drawings. Accurate observation and precision in handling apparatus are insisted upon. The student is also required to record with accuracy and neatness the results of his experiments in a note book which is

submitted to the instructor for examination. A fee of one dollar is charged for apparatus. The text used is Mann and Twiss' Physics, Revised.

Chemistry

This course is required of scientific Seniors only. It is designed to furnish the student with a knowledge of the general principles of the science and to offer a systematic study of the more important chemical products. Each student does his own experiments and is required to preserve carefully the results of his work in a note book, which is submitted to the instructor for criticism. A fee of three dollars is charged for chemicals and apparatus. The texts used are First Principles of Chemistry and Laboratory Manual, by Brownlee and others. The text used in the vocational courses is Chemistry of Common Things, by the same authors.

Biology

This course is designed to give an introduction to the fundamental properties of living organisms, to bring the student into sympathy with the plant and animal world, and to cultivate the power of careful observation. Selected types are studied in the laboratory to illustrate the chief principles in Biology and to emphasize the economic value of plants and animals. The first semester is devoted to animal types, the second to plant. A fee of three dollars is charged. Textbook, Biglow's Applied Biology.

Physiography

This course treats in an elementary way of the forces of nature in their effects upon human life. Excursions are made to regions where suitable geographic formations can be found. Saulsbury's Physiography is used as a text.

Hygiene

Personal Hygiene. Emphasis is placed upon the value of health and upon the need for forming sensible hygienic habits. The topics considered are: Exercise, correct posture, pure air, bathing, rest, wholesome food.

Community Hygiene. This work tries to enlist each student in the campaign for better community health, making him realize his opportunity for service. The topics considered are: Building conditions, drainage, clean streets, water and milk supplies, pure food laws, contagious diseases, the war upon tuberculosis.

Physical Training

In order to promote that vigorous condition of the body which is an essential aid to proper mental development and symmetrical physical growth, the Trustees have provided courses in physical training, two hours a week. These courses are compulsory for all Academy students and constitute an important part of the regular work required for promotion and graduation. An adequately equipped gymnasium has been provided to meet the requirements of these courses.

MANUAL TRAINING

All students in the Junior and Sub-Middle classes of the Academy are required by the Trustees to give four hours each week to Manual Training, not however, for the purpose of learning a trade, but for its value in a general education.

Junior Class

Boys. Drawing I. and Woodwork I. or Printing 1.

Girls. Domestic Arts I. and Domestic Science I.

Sub-Middle Class

Boys. Drawing II. and Wood-turning or Printing II.

Girls. Domestic Arts II. and Domestic Science II.

Drawing

1. Freehand. In the first semester, Junior year, drawing as a medium of expression. Expressing simple forms by lines. Drawing of geometrical figures. Study of the position and proportion of figures. Expressing three dimensions by lines. Study in outline of simple geometrical solids and common objects, singly and in groups.

In the second semester, continuation of expressing three dimensions by lines. Freehand and mechanical perspective. Expressing form by light and shade. Object drawing and shading from models.

II. Mechanical. In the first semester Sub-Middle year, explanation of the different kinds of drawing for various purposes. Materials and their uses. Constructive work in simple design for practice in accuracy in pencil and ink. Geometrical problems. Working drawings, their use and construction. Various views of geometrical solids and wood-turning work in working drawing. Dimensioning and lettering.

In the second semester, continuation of working drawings. The practical use of isometric and cabinet projection and explanation of their principles. Mechanical drawings from pupils' free-hand sketches: nuts, bolts, blocks, iron clamps, castors, shaft-bearings, pulleys, etc.

Woodwork

I. This course in the first semester, Junior year, embraces a series of progressive exercises outlined by blue prints, and the use and care of the different tools, etc.

Second Semester. The application of the principles of the joints made in the first semester is shown in the construction of useful articles in furniture and also in building construction. Some time each week is devoted to talks on the identification of the common woods and wood technology. Prerequisite, Woodwork, first semester.

II. Wood-Turning. The course is taken by Sub-Middlers and consists of a series of progressive exercises, of teaching the student the use and care of wood-turning tools, and lathe work. Exercises involving the various methods of turning between centers, face plate and chuck work. Prerequisite, Woodwork, Junior year. Text: Resides & Diemer.

In the second semester, this work includes a series of advanced exercises in carpentry and joinery suitable for high schools and normal schools. Original projects designed and executed by the pupil. Prerequisite courses described above.

Forging

I. Care of the forge fire, methods of heating, drawing, bending, upsetting, heading, swagging and welding of iron.

II. A series of exercises showing the application of the principles taught in the first semester (courses in forging, not offered during 1914-1915).

Printing

A general study of the principles and methods of the work of a printing office, including instruction and practice in composition (type-setting), proof-reading, make-up and press work.

Domestic Arts

I. This course is required of Juniors and includes:

1. Instruction in the principles of sewing and the use and care of the sewing machine and its attachments.

2. Hand and machine sewing as applied to undergarments; also a study of the various materials used in undergarments with special reference to cost, suitability and durability.

3. Simple embroidery.

4. Basketry.

II. This course is taken by Sub-Middlers and embraces:

1. A study of the choice and economical use of dress materials and the use of patterns.

2. The planning, cutting, fitting, making and trimming of simple unlined garments.

3. Embroidery.

4. Millinery—the making of wire and buckram frames and the general trimming of hats.

Domestic Science

I. The course includes a study of the body, its composition and demands, the need of obedience to natural laws, the means of heeding these laws through the careful selection, preparation, and serving of foods and through general hygienic living, the acquaintance with and care of modern kitchen equipment, and the economical use of household material, of time and of energy.

II. This work covers acquaintance with the house in general: it equipment as adapted to modern conditions, its arrangement and care; sanitation, personal and general; first-aid in emergencies; the classification of foods; principles underlying the cookery and use of proteins, carbo-hydrates and fats; combining foods; menu-making and the preparation of meals; prevention of waste; reducing of cost of food; the purchasing, storage and preservation of foods,

SCHOLARSHIPS AND PRIZES

A permanent scholarship of twenty-five ($25.00) dollars is offered by the Dean of the College of Arts and Sciences "to the graduate of the Academy who shall maintain the highest average in his studies and who may wish to pursue his studies in the College of Arts and Sciences for the next ensuing year."

For the year 1914-15 this scholarship was awarded to Mr. Louis R. Middleton, Savannah, Ga.

The Dean of the Teachers College also offers a permanent scholarship of twenty-five ($25.00) dollars "to the highest ranking graduate of the Academy desiring to enter the Teachers College."

For the year 1914-15, this scholarship was awarded to Mr. Thomas A. Lemon, Sassafras, Va.

Mr. Robert Robertson has offered as a memorial of his brother, the late Clifford C. Robertson, instructor of mathematics in the Academy, an annual donation of ten ($10.00) dollars to be known as the C. C. Robertson prizes.

The C. C. Robertson prize of five ($5.00) dollars is offered to the student making the best record for the year in plane geometry. For the year 1913-14 this prize was awarded to Miss Gladys V. Whitmier, Denver, Colo. The C. C. Robertson prize of five ($5.00) dollars is offered to the student making the best record for the year in elementary algebra. For the year 1913-14, this prize was divided and awarded to Messrs. Samuel H. Gibson, Montreal, Canada, and Lewis K. Madison, Warrenton, Va.

LITERARY SOCIETIES

Two literary societies are conducted by the students of the Academy, one, the Eureka, by young men, and the other, the Phyllis Wheatley, by young women. These societies aid in developing self-control, give practice in debate and declamation, and skill in parliamentary law. The Eureka several times has resolved itself into a Mock Congress, patterned after the Congress of the United States. Debating teams from the Eureka from time to time, have won laurels in interscholastic debating contests. Weekly meetings are held.

ATHLETICS

The Academy aims to encourage manly sports by fostering athletic activities along various lines. Teams are organized in football, base-ball, basket-ball, track and tennis; and annual interscholastic contests are held. Not a few trophies attest the prowess of these representative teams. All athletics are under the direct supervision of the Athletic Council, representing the Faculties of the University, and of the Athletic Association, composed entirely of students.

No student, whose record is unsatisfactory in point of scholarship, attendance or general conduct, will be permitted to share the honor of representing the Academy in any interscholastic contest.

THE ACADEMY HERALD

The students of the Academy publish a monthly paper, in magazine form, of twenty pages. It aims to publish general University news and to reflect especially the life of the Academy. It is officered entirely by students of the Academy whose contributions give practice in the use of English.

UNCLASSIFIED STUDENTS

Under this caption are listed (1) the names of those students registered in the Academy (*a*) who are pursuing two or more Academy courses yet not attempting the full work of a class, (*b*) who are making up their deficiencies in college entrance units, having failed to present the necessary number of units for admission, and (2) the names of those students registered in one of the colleges or schools of the University who are pursuing at least one course in the Academy.

The large number of students in the unclassified list not registered in the Academy gives vivid evidence of the advantages offered by the Academy to those pursuing studies in the various schools of the University.

MISCELLANEOUS INFORMATION

Every student is required to carry a full schedule of eighteen hours of recitation per week, unless excused from this requirement by written permission of the Dean. No student may discontinue or change a study without the written approval of the Dean. No student may carry more than five subjects without permission of the Faculty.

If any student in the Senior class of the Academy shall not fail in more than two studies, the Dean, in his discretion, may allow such student to take appropriate advance work in the School of Liberal Arts, in case he returns for further study; but he must make up his deficiences during that school year, otherwise he will be debarred from further advanced privileges until he shall have completed all of his secondary course.

Students of the Academy are not allowed to belong to any society, club, organization or association, or have meetings with such in the city or elsewhere, or have entertainments of their own without permission of the Faculty.

Students are not permitted to leave the city without due permission. Permission to go home is granted only on written request of parent or guardian.

Admission blanks will be furnished on application, and all letters of inquiry will be promptly answered by the Dean of the Academy.

COMMERCIAL COLLEGE

FACULTY

STEPHEN MORRELL NEWMAN, A. M., D. D.,
President

GEORGE WILLIAM COOK, A. M., LL. M., SECRETARY OF THE UNIVERSITY.
Dean and Professor of Commercial Law.

CORA ELIZABETH DORSEY.,
Instructor in Shorthand.

WALTER DYSON, A. B., A. M.,
Associate Professor of History and Economics.

PHEBE ANNE ISADORE HOWELL, A. B.,
Instructor in Bookkeeping and Accountancy.

GEORGE WASHINGTON HINES, A. B.,
Instructor in Finance, Business Organization and Typewriting.

ANNA MINER CECIL,
Instructor in Bookkeeping and Commercial Arithmetic.

WILLIAM BILLINGS,
Instructor in English and Business Correspondence.

JAMES HENRY NELSON WARING, JR., A. B.,
Instructor in Algebra and History.

GENERAL STATEMENT

In almost every section of the United States interest in commercial and business opportunities is constantly growing. To meet this situation the Commercial College has been established. The curriculum, which covers four years and leads to a diploma, affords careful preparation for a business career and so trains young men and women that they may readily adapt themselves to whatever business occupation opens to them.

It is expected of our graduates not only that they will prove capable of serving individual enterprises, but also that they will become factors in arousing entire communities to their obligations and privileges in the world of business. The course is thoroughly practical and gives that attention to detail which fits one for the management of property, for expert accountancy and stenography, and for the conduct of business enterprises. It is recommended for those who desire to enter civil service examinations. Graduates have had gratifying success. Reference to the curriculum will show that an excellent course in English is a part of the Commercial Course, and will be of great advantage to any who desire a liberal education. Attention is called to the opportunities afforded to students of other departments to elect studies in the Commercial Course.

ADVANTAGES

Howard University is well situated for gaining advantages of study in commercial lines. Through the courtesy of government officials access may be had to original information in the many departments and bureaus of the government. Public documents and libraries in special lines of work may be consulted without cost to the student.

REQUIREMENTS FOR ADMISSION

All applicants for admission to the First Year Class of the Commercial College must have completed the grammar grades or must pass an examination in arithmetic, English grammar, United States history and geography. Examination for advanced standing will be given upon request.

DESCRIPTION OF COURSES

Stenography

Stenography is studied during the second, third and fourth years of the Commercial course.

The system taught is the "Pitman," used by many of the best known Congressional reporters.

Shorthand I. The principles of shorthand are studied and mastered, one-half during the first semester and the remaining half during the second. Text-book: Barnes' *Shorthand Manual.*

Shorthand II. The first semester is devoted to advanced study as given in the Reporter's Companion. Text-book review. The second semester is devoted to phrasing, dictation, and training for practical work.

Shorthand III. Special attention is given to speed writing. A student is required before graduation to attain a speed of at least one hundred words per minute.

(Students having advanced standing in other subjects, may by diligent application, cover the requirements in two years.)

Students are aided in the acquisition of speed by use of the Dictaphone. Miss Dorsey.

BOOKKEEPING

The study of bookkeeping is not begun until the second year of the Commercial Course, in order that pupils may have had sufficient training in English, commercial arithmetic and typewriting to enable them to make direct progress without being handicapped by lack of preparation in these essential subjects. The Miner text-books, Edition of 1912, is in use at present.

In the first semester the general principles of Double Entry are taught, four sets being given illustrating retail work in different lines of business. Considerable business practice is introduced, including the making out and use of business papers, such as receipts, checks, notes, invoices, orders and business letters. Part II is then taken up, with a special study of drafts, acceptances, shipments, etc., and a more extended business practice, in which the pupils serve in turn in the offices and the use of the filing cabinet and adding machine is learned. Sets are given illustrating a Jobbing Furniture Business, a Wholesale Grocery Business, and a General Dry-goods Business.

In the last year of the course a Set in Corporation work, a Banking Set and a Set in Single entry are given. Sets in Commission, Manufacturing, Higher Accounting, Auditing and Insurance and a short course in Real Estate may be elected by those who wish to do more bookkeeping.

Students having satisfactorily completed two years of bookkeeping may be allowed to substitute some other study of equivalent grade for the last year of bookkeeping.

Students who enter with advanced standing may be given an opportunity to complete all of the required bookkeeping work in two years instead of three if the number of such applicants warrants the formation of such a class. Miss Howell.
Miss Cecil.

FINANCE-FUNDS AND THEIR USES

The purpose of this course is to consider the getting and spending of funds for private enterprise, the various forms of money and credit used as funds, and the means of transfer of credit funds. Modern methods of obtaining funds, institutions and agents employed in funding operations are given attention. Present financial problems and tendencies are discussed. Mr. Hines.

TYPEWRITING

Our aim is to give a practical course in typewriting, a scientific method of mastering the keyboard by the sense of touch. The mechanism of standard machines, business forms, legal forms, manifolding, tabulating and the cutting of stencils are taught.

Emphasis is placed upon training the student to take dictation on the typewriter. Fifty words per minute is the speed required.

Mr. Hines.

HISTORY

In each course emphasis is laid upon the social, industrial and commercial life of the people.

History I. The Ancient World. This course deals with Greece and Rome principally, but includes some account of the Oriental Nations and of the middle ages to the ninth century.

History II. English History. Emphasis in this course is laid upon the geography of the British Isles, the early mingling of races, the rise of Parliament and the House of Commons, the main movements in the history of Continental Europe, the relation of England to her colonies, and her commercial supremacy.

History III. American History. The History of the United States, especially since the Civil War, her industrial development and commercial relations with other countries are emphasized.

History IV. History of Commerce. The aim of this course is to review, collect and organize the work of the preceding courses from the commercial point of view by tracing the development of Commerce from the earliest times. Associate Professor Dyson.

COMMERCIAL LAW

This course is designed to give a student the practical knowledge in business affairs, enabling him legally to protect his own property rights, and to respect those of others.

The work is pursued in an elementary manner under the following heads: General principles of law, contracts, negotiable paper, agency, partnership, corporations, bailments, sales, copyright, insurance, real estate transfers. Dean Cook.

ELEMENTS OF POLITICAL ECONOMY

Wealth, its production, distribution, exchange and consumption are fully discussed. The aim is to acquaint the student with the great economic world in which he must live, and, at the same time, to prepare him for higher courses in applied economics. Frequent visits to large industrial plants of the city are made. Social service is also emphasized. Associate Professor Dyson.

BUSINESS ENGLISH

This course offers the subjects required for college entrance. It affords a training in the higher art of Business English.

Business English is a term which has been introduced into educational curricula within the past ten years to designate the practical training in writing and speaking for business purposes that has been made necessary by modern commercial conditions. This course aims to teach Business English as an art. Not only is the value of expression taken into account, but also the impression made upon the reader or listener in business discourse.

While Business English is not a separate language, it differs in use from literary English in the following particulars; nomenclature of commerce and idioms peculiar to business expression; business abbreviations, signs and symbols; distinctive style required by business relations.

The Literary part of the course is presented with the following points in view; to teach the student to write and speak intelligently and explicity; to broaden his vocabulary; to acquaint him with standard authors and to enable him to acquire a taste for their works.

Course

FIRST YEAR: Routine Business Letters; grammar, spelling and punctuation; composition on subjects of common observation.

Palgrave's Golden Treasury; Irving's Sketch Book; Twice Told Tales.

SECOND YEAR: Narration and Description; rhetoric and diction; letters and circulars comprising words and terms common to accounting, banking and real estate; current news and financial topics.

Macbeth; L' Allegro and Il Penseroso; selections from Tennyson.

THIRD YEAR: Exposition and advertising; circulars and advertisements must be constructed, requiring on the part of the student a knowledge of stocks and bonds, corporate law and finance; funds and their uses; analytical and comparative study of actual business literature. Business English this year will cover a wide field of commercial information.

Hamlet; Washington's Farewell Address and Webster's Orations; Carlyle's Essay on Burns.

FOURTH YEAR: Argumentation and Public Speaking; reports on current financial news.

Burke's Speech on Conciliation with America; Emerson's Essay on Manners; Julius Cæsar.

Collateral reading will be assigned throughout the course in conformity with the recommendations of the National Conference on Uniform Entrance Requirements. Mr. Billings.

BUSINESS ORGANIZATION

A study of the principles underlying the modern organization of business and of the recent application of system. Methods and the results in the efficient organization of labor, the location of the factory, the factory building and equipment and the problems involved in the economic management of the factory are considered. In so far

as it is possible, typical forms and systems of plants in the community shall be examined and made the basis of classroom discussion, as well as the use of a text in business organization, assigned reading and lectures. Mr. Hines.

COMMERCIAL GEOGRAPHY

A systematic study setting forth the facts which control the distribution of population, transportation, industries and wealth. The object of this course is to present the underlying principles of the distribution and characteristics of the chief raw materials of commerce, and their influence upon trade and industry. Various departments of the government give free access to original information concerning geographic influences, and the National Geographical Society affords a rare opportunity for the students to acquaint themselves with recent developments in this subject. Mr. Hines.

MATHEMATICS

In Commercial Arithmetic the usual operations are studied, including aliquot parts, bills and accounts, measurements, computations in the trades, percentage, commercial discounts, marking of goods, profit and loss, commission and customs, interest, taxes, insurance, bank discount, savings bank accounts, partnership, exchange, building and loan associations, stocks and bonds, etc., with short computations and the application of modern business methods in each.

An earnest effort is made to enable the pupil to acquire a working knowledge of the principles and methods of handling numbers in the transactions of business affairs such as the bookkeeper or the business man or woman must necessarily encounter. The Inductive Commercial Arithmetic by Goodyear and Marshall, edition of 1914, is in use at present.

Algebra is taken five times a week during the entire first year, and includes all elementary work to quadratics. Geometry may be taken during the second semester of the third year. Miss Howell.
Miss Cecil.

PRIZES

In order to stimulate efficiency and higher scholarship, the following prizes are offered for students in the Commercial College:

For the student in the Senior class making the highest general average in Shorthand, the Carrie R. Burton-Overton prize of $5.00.

For the student in the Fourth class making the highest general average in Typewriting, the Helen E. Kilbreth-Phillips prize of $5.00.

For the best Practical Bookkeeper in the Fourth class, the C. Benjamin Curley prize of $5.00.

The David E. Wells prize of $5.00 will be awarded this year (1914-15) to the student in the Senior class attaining the highest speed in Shorthand.

The S. B. Whitehead prize of $5.00 will be awarded this year (1914-15) to the person in the Department of Economics and History, offering the best—the most original life story of some living Negro Business man or woman.

The Irene Johnson prize of $5.00 will be awarded this year (1914-15) to the person in the Department of Economics and History, offering the best paper on some phase of the Negro Woman in Economic Life to-day.

Publications

Commercial College Outlook

Studies of the Colored People in Business.

COURSE OF STUDY

First Year

First Semester		Second Semester	
English (Gram., Spell., Comp.)	5	English (Gram., Spell., Comp.)	5
Math., Com. Arithmetic	5	Math., Com. Arithmetic	5
Penmanship	3	Typewriting	5
Typewriting	5	Algebra	5
Algebra	5	Penmanship	3
	23		23

Second Year

First Semester		Second Semester	
English (Rhet. & Spelling)	4	English (Rhet. & Spelling)	4
General History	3	Ancient History	3
Bookkeeping	5	Bookkeeping	5
Shorthand	5	Shorthand	5
Typewriting	5	Typewriting	5
	22		22

Third Year

First Semester		Second Semester	
Business English	4	English (Com. Correspondence)	4
English History	4	Geometry	4
Bookkeeping	6	Bookkeeping	6
Commercial Geography	3	U. S. History and Civics	4
Shorthand	5	Shorthand	5
	22		23

Fourth Year

First Semester		Second Semester	
English (Business themes, etc.)	4	English	4
Economics	4	Elements of Banking & Finance	3
Bookkeeping & Office Practice	3	Shorthand	5
Shorthand	5	Commercial History	4
Commercial Law	3	Business Organization	2
Funds and Their Uses	2		
	21		18

This course may be varied with the consent of the Faculty.

DEGREES AND DIPLOMAS CONFERRED, 1914

COLLEGE OF ARTS AND SCIENCES

A. B.

Allen, Samuel Alfred
Brown, Charles Ignatius
Cabell, Newell Atwood
Daniels, George Washington
Davis, Thomas Russell
Denny, Landonia Louise Frances
Desmukes, Ceretta Clarice
Foreman, William Preston
Hardy, Voda Beatrice
Helm, Arrington Sylvester
Howard, Louis Augusta
Minor, James Irving
Moore, Western Edward
Pottinger, Simeon Hendric Bagshaw
Richardson, Clarence Wheeler
Ricks, Walter Edward
White, Williams Henry
Wilson, James Franklin
Winthrop, Charles Ross

Honorable Mention

Bohanan, Otto Leland
McDonald, Thaddeus Luthus
Moore, Herman Emmons

A. B. *Cum Laude*

Armstead, Abram Dean
Cargile, Winona Lucile
Harllee, Chauncey Mitchell Depew
Johns, Lois
Penn, Madree
Townes, Geneva Calcier
Turley, Lulu Vashti
Turner, Lorenzo Don

A. B. *Magna Cum Laude*

Coleman, Grace

A. B. *Summa Cum Laude*

Dykes, Eva Beatrice

B. S.

Allen, James Ulysses
Bellinger, Louis Arnett Stewart
Brannon, Griffith Carter
Brown, Lucius Horace
Cobbs, Price Peter
Cook, Frank Robert
Falu, Narcisco
Ford, James Burnett
Heard, Harriet Giles
Huskerson, William Archemedees
Langston, Theophilus Stewart
Merchant, Alpheus
Rivers, Mark Edward
Williams, Frank Piercen

B. S. *Cum Laude*

Harper, William Henry
Newman, Lloyd Henry
Stevens, Herbert Llewellyn

TEACHERS COLLEGE

A. B. WITH TEACHERS' DIPLOMA IN EDUCATION

Blackwell, Wertie Clarice
Davies, Amy Gertrude
Davies, Oscelletta
Dickens, General Ulysses
Hughston, Frances Halford
Jones, Jacob Emmanuel
Nelson, James Irving
Sewell, Naomi Scott
Spann, John Wesley
Terry, Andrew
Wells, James Samuel
Young, Julia Edna

A. B. WITH TEACHERS' DIPLOMA IN EDUCATION

Cum Laude

Brown, Howard Washington
Chase, Frederica Josepha
Davis, Raymond Anthony
Massie, Samuel Proctor
Oberdorfer, Pauline Richardson
Tibbs, Walter Edward
Wells, Olive Mae

B. S. WITH TEACHERS' DIPLOMA IN EDUCATION

Irving, Helen Brooks
Taylor, Francis Alphonzo
Waits, Benjamin Lewis

NORMAL TRAINING COURSE

Hall, Susie Beatrice
Jones, Goldeana Pearl
Ruddock, Lottie Younger
Thomas, Lena Mae

KINDERGARTEN TRAINING

Hamilton, Mabelle Beatrice
Poole, Whitlock Frances
Shaw, Lillie Allan
Snowden, Anna Jean

DOMESTIC SCIENCE AND DOMESTIC ART

Blowe, Maude Elizabeth
Gaddie, Maude Claudine
Norman, Rhetta Virginia
Ruddock, Lottie Younger
Tolson, Rachel Helen
Winters, Cora Evelyn

SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES—B. S. IN C. E.

Agosto, Manuel A.

School of Theology

B. D.

Baker, William B., A. B.
Brown, A. Angold
McMiller, George F.
Middleton, R. T.
Smith, Emory B.
Stennett, Raynes W.
Yearwood, Joseph N.

Diploma

Carter, Roy A.
Caver, Monroe S.
Hubbard, W. A.
Matthews, C. H.
McLeod, Jonathan O.
Readding, Andrew T.
Reid James H.
Williams, Webster B.

Evening Institute

Ashton, Charles B.
Carter, Elnora
Crutchfield, Alfred
Ford, John H.
French, William H.
Kent, James E.
Myers, Frederick D.

MEDICAL COLLEGE

M. D.

Anderson, Joshua Fitz-Osbert
Bell, Perry Marshall
Bowser, Elmer Elsworth, A. B.
Brock, Howard Fauntleroy
Brown, Lawrence Greeley
Buckner, Roscoe Withrow Hull
Curtis, Austin Maurice, Jr.
Davidson, Richard Herbert
Easter, Rafe Arnett
Green, William Ira
Gordon, Frank Alexander
Hall, George Logan
Hayes, James Matthews
Jackson, Julien Dabney
Johnson, George Alexander
Lathers, Christopher Columbus, A. B., L. L. M.
Love, William Albert, A. B.
Lucas, Marie Bernadette
Lynch, Harry Clay
McKinney, Arthur Bandcroft
Mack, William, A. B.
Murray, Peter Marshall, A. B.
Olden, Perry Alexander
Powell, Robert Joshua, A. B.
Rhinehart, Harvey Harold, A. B.
Roane, Edward Sheridan
Robinson, John Hannibal, Jr.
Sankhar, Andrew Edward
Shelton, Joseph Lincoln
Vaughan, James Maurice
Williams, John Downing, B. S.
Williams, Leon James

DENTAL COLLEGE

D. D. S.

Adams, Arthur Stewart
Brown, Emmet Ison
Burleigh, Arthur Vincent Meigs
Burnett, Junius Battish
Cox, Everett Olin
Davenport, Lawrence John
Dowdell, Crawford Bertus
Evans, Andrew Foraker
Foster, Leo Joseph
Goggins, James Bartow
Gordon, Levi Preston Morton
Henriques, Luther Thompson
Hinds, Charles Maxwell
Howell, Hugh Douglass
Howell, Timothy Augustus
Keller, Clarence Frederick
Logan, William Miller
McCollum, Lawrence
Morrison, James Melville
Roy, Joseph Clabert
Vaughan, Julian Francisco
Weeden, Henry Page
White, William Henry
Whitfield, Harry Melford
Williams, Herbert Allandale

PHARMACEUTIC COLLEGE

Phar. D.

Davenport, George Richard
Davis, William Elwood
Fonvielle, Joseph Earl
Fordham, Marion Reginald
Hardy, Henry Clay
Paine, John Howard
Quivers, Harold Levy
Seymoure, Harry Solomon
Thompson, Julian Ross

SCHOOL OF LAW

LL. B.

Banks, Arthur G.
Bates, Alva L.
Bond, Roy S.
Buckner, James E.
Cleland, John M., A. B.
Coleman, David C.
Curley, Clarence B.
Chandler, William A.
Crumpler, Robert B.
Davis, Walter L.
Drewry, William H., A. B., A. M., S. T. B.
Dryver, Edward R., B. S.
Epps, John D.
Hamilton, Frederick J.
Irish, George H.
Jackson, Jesse M., A. B.
Kelly, Samuel T., A. B.
Murray, George H.
Offord, William L.
Pree, Riddick H.
Stockett, James M., Jr.
Thomas, Andrew M.
Thomas, Charles M.
Watkins, William E.
Wimberley, Joseph G.

THE ACADEMY

Diploma

Bruce, William Alphonsus
Burke, Walter Spurgeon
Dyett, Thomas Benjamin D.
Hart, Dean Ethaniel
Harrison, Odele Georgette
Johnson, Clifton Lamont
Johnson, Mervin Wesley
Koger, Linwood Graves
Lampton, Cornella Derrick
Lemon, Thomas Augustus
McNeill, Oliver Wendell H.
Mercurius, Randolph Piercy
Middleton, Louis Richard
Miner, Uzziah
Nelson, Thomas Bernard
Rahming, Harry Ellsworth
Roberson, Woody M.
Smith, Mayme Hannah
Tancil, Leon Algernon
Targinton, Fannie Clarine
Taylor, Elsie Leigh
Thompson, Charles Maceo J.
Tucker, Jacob Triscott
Watkins, Ruth Wendolyn
Wimbish, Christopher C., Jr.
Wyatt, Harriet Rosella

COMMERCIAL COLLEGE

Diploma

Addison, Augustus M.
Avery, Richard T.
Bradley, Roland W.
Patience, Chester D.
Sims, Peola C.
Washington, Julius Irwin

STUDENTS

COLLEGE OF ARTS AND SCIENCES

GRADUATE STUDENTS

Coleman, Grace, A. B. Washington, D. C.
Snowden, Carrie Estelle, A. B. Washington, D. C.

SENIORS

Andrews, Robert McCants Sumter, S. C.
Banister, William Benjamin Baltimore, Md.
Catlett, Annie Henrietta Washington, D. C.
Crawford, Frederick Douglass Charleston, S. C.
Crawford, Robert Percy Jacksonville, Fla.
Davis, Pierre Henri New Haven, Conn.
Desmukes, Alberta Davidee Gonzales, Texas.
Dingle, John Gordon Savannah, Ga.
Donald, Henderson H. Convent, La.
Fitzpatrick, Frank Norman Phila., Pa.
Hackett, Robert G. James Baltimore, Md.
Hanna, Walter Sylvester Charleston, S. C.
Harris, Ethel Catherine Hall's Hill, Va.
Harrison, Joseph Plummer Whitakers, N. C.
Hawkins, James Blake Baltimore, Md.
Johnson, Charles Leonard Washington, D. C.
Jones, Samuel Arthur Jacksonville, Fla.
Jordan, John Arthur St. Augustine, Fla.
Lester, Aurelius Pitts Hawkinsville, Ga.
Maloney, Franklin Charles Chester, Pa.
Pollard, William Augustus Georgetown, B. G. S.
Porter, Virgie May Washington, D. C.
Savoy, Walter Stanford Washington, D. C.
Scruggs, Ivorite Lorimer Memphis, Tenn.
Sheppard, Madeline Myersdale, Pa.
Simon, William New Iberia, La.
Tavernier, Alford Hilton Dominica, B. W. I.
Thompson, Charles Wilson Phila., Pa.
Vincent, William Ferdinand Guthrie, Okla.
Walker, Micajah Theodore Charlottesville, Va.
Wilson, John Henry Tifton, Ga.
Woodford, Charles Mason Berwyn, Md.

JUNIORS

Adams, Adolph Cecil Lynchburg, Va.
Alston, Touissant L'Overture Metropolis, Ill.
Bagley, Lloyd Smith Washington, D. C.
Beckwith, Trennor Thomas Steelton, Pa.
Chase, Robert Samuel Baltimore, Md.
Clayton, Benjamin W. Montgomery, Ala.
Claymes, Raymond Alexander Brenham, Texas
Cooper, Stewart Richard Baltimore, Md.
Cook, Jonathan R. Contee Washington, D. C.
Cook, Vivienne Eunice Washington, D. C.
Cunningham, William Harold Atlanta, Ga.
Curtis, Lucien Simington St. Louis, Mo.
Davis, Leslie Reynolds Washington, D. C.
Duckett, Lillian Alois Washington, D. C.
Epps, Joseph Edward Norwich, Conn.
Frazier, Edward Franklin Baltimore, Md.
Gatewood, Lottie Bowling Green, Ky.
Granady, James T. W. New York, N. Y.
Grant, George Cameron Parkersburg, W. Va.
Hall, George Edgar Greenville, Ky.
Hall, Henry M. Greenville, Ky
Hendley, Charles Vergue Huntsville, Ala.
Howard, Irma Washington, D. C.
Jackson, George Thomas Lynchburg, Va.
Jackson, Lawrence Waters Washington, D. C.
Johnson, Oliver Livingston Braddock, Pa.
Kirksey, Thomas Selma, Ala.
Lane, Eulalia Marcellene Vineland, N. J.
Love, John Wesley Lewisburg, W. Va.
Malone, Fred DeWitt Washington, D. C.
Matthews, Herbert O. Everett, Pa.
Miller, Kelly, Jr. Washington, D. C.
Nutt, Irving Taliaferro Washington, D. C.
Oliver, Clara May Illion, N. Y.
Perkins, Vassar Emmett Trevilians, Va.
Rayfield, Matilda Cape May, N. J.
Sampson, John Patterson Asbury Park, N. J.
Scott, Albert Livingston Washington, D. C.

Shaw, Charles Augustus Brunswick, Ga.
Stratton, Harold C. Doylestown, Pa.
Temple, William Henry Vicksburg, Miss.
Thompson, Louisa Helena Baltimore, Md.
Walker, John Benjamin Avalon, Va.
Ward, Elmer A. Charlottesville, Va.
Ward, Milton M. Washington, D. C.
Waters, John Lambert Oxford, Md.
Weatherless, Ruth Helen Washington, D. C.
Young, Ralph J. Reading, Pa.

SOPHOMORES

Adams, Mattie Pearle Washington, D. C.
Adams, Cato Wesley Washington, D. C.
Bailey, Isaac G. Arkansas City, Ark.
Baungardner, Luther Ovid Columbia, S. C.
Bennett, William Gordon Versailles, Ky.
Berry, John Lloyd Baltimore, Md.
Biddle, Hester M. Baltimore, Md.
Botts, Emanuel Rosson Meadville, Mo.
Bowie, Edna Ellis Washington, D. C.
Brooks, Bernice M. Washington, D. C.
Brooks, Joseph Hunter Staunton, Va.
Brown, Elsie Hetta Washington, D. C.
Brown, Maude Ethel Louisville, Ky.
Brown, Naomi Pearle Washington, D. C.
Booker, Elbert Lee Seattle, Wash.
Buckner, William Thomas Baltimore, Md.
Busbee, Robert Lincoln Greene, N. C.
Camper, John Emory Toussaint Baltimore, Md.
Collins, May Vernon El Paso, Texas
Connoly, Quesnel Albunyan East End, B. W. I.
Corrothers, Thomasine Washington, D. C.
Curtis, Merrill Hargrove Washington, D. C.
Dingle, Allan Lowery Savannah, Ga
Fleming, Archie R. Newport News, Va.
Goodloe, Nathan O., Jr. Washington, D. C.
Heslip, Jesse Solomon Ellisville, Miss.
Hightower, Nathaniel Donsetto Montgomery, Ala.
Holland, Joseph Guthrie Washington, D. C.

Hosein, Mozam Trinidad, B. W. I.
Howard, Wioza Lee Jacksonville, Texas.
Hundley, Mary Sue Huntsville, Ala.
Jackson, James W. Charleston, W. Va.
Johnson, Ernest Octaff New Haven, Conn.
McCary, Annie Laurie Washington, D. C.
Miller, Ezekiel Harry Phila., Pa.
Neal, Robert Claudius Navasota, Texas.
Nixon, Louise Gertrude Baltimore, Md.
Nutt, Theresa Etna Washington, D. C.
Penn, Robert Raymond Petersburg, W. Va.
Polk, Charles Carrington Lawnside, N. J.
Pollard, Ruth Elizabeth Phillipsburg, Pa.
Rector, John King Washington, D. C.
Robinson, Roscoe Gresham Washington, D. C.
Russell, Carrie O. Washington, D. C.
Saunders, Frank Augustus Baltimore, Md.
Settle, Francis Memphis, Tenn.
Simmons, Isaiah Frederick Elgin, Texas
Stone, Emmons Braxton Selma, Ala.
Sullivan, John W. Wilmington, N. C.
Tunnell, Victoria Sargent Washington, D. C.
Washington, George Berlin Parkersburg, W. Va.
Watson, Louis Lee Washington, D. C.
Waugh, Geneva Athena Washington, D. C.
Wiley, Richard Providence, R. I.
Williams, Joseph C. Parkers, Va.
Wilson, Harry I. Pittsburgh, Pa.
Wormley, Mamie Louise Washington, D. C.
Yoncey, Alice Elizabeth New York, N. Y.
Young, Walton W. Spartansburg, S. C.

FRESHMEN

Anderson, Emile E. Hinton, W. Va.
Beeks, Lewis Kelly Los Angeles, Calif.
Belcher, Ethel Katrina Washington, D. C.
Bell, George Emmett Lawrenceburg, Ky.
Berry, Lewis Hunton Detroit, Mich.
Blackburn, Samuel Marcellus Harpers Ferry, W. Va.

Bouding, Aaron Beaver Falls, Pa.
Board, Nannie Goodall Louisville, Ky.
Bragg, Oscar Hundley Huntsville, Ala.
Braxton, Esther Angella Washington, D. C.
Brown, Alonzo A. Crisfield, Md.
Brown, James Newton Detroit, Mich.
Bruce, Kitty B. Washington, D. C.
Bruen, Clifford Charles May's Lick, Ky.
Burke, Walter Spurgeon Portsmouth, Va.
Butler, Beatrice Rebecca Washington, D. C.
Byrd, DeReath Irene Rochester, N. Y.
Carr, Charles Lavin Parkersburg, W Va.
Carter, Marcus Hanna Birmingham, Ala.
Carter, Peter Jacob Franktown, Va.
Christian, Albert Leonard Yorktown, Pa.
Chubb, Louis Anderson St. Lucia, B. W. I.
Coleman, Consuella Louisa Baltimore, Md.
Collins, Ira Reginald Houston, Texas
Cooper, Mamie Consuella Washington, D. C.
Copeland, Joseph Scotchfield New York, N. Y.
Davis, John Albert Dallas, Texas
Davis, Monroe Hortensius Washington, D. C.
Dawley, Edward Arnistead Norfolk, Va.
Deans, John Benjamin Montgomery, W. Va.
Deas, Joseph Mack Jacksonville, Fla.
Dent, Thomas Marshall Washington, D. C.
Doby, Lewis Magnolia, Ala.
Dyett, Thomas B. D. New York, N. Y.
Edwards, Mae Louise Washington, D. C.
Finney, John Morton Jacksonville, Mo.
Flagg, Pearl Olive Baltimore, Md.
Freeman, Gladys Washington, D. C.
Freeman, Hilda Victoria Washington, D. C.
Freeland, Ruth Wilkerson Baltimore, Md.
Giddens, Henry Augustus L. Waco, Texas
Gittens, Edward Fitgerald Barbados, B. W. I.
Gooden, Earl Lucas Parkersburg, W. Va.
Gordon, Charles Malcolm Washington, D. C.
Gordon, Ruth Ineta Washington, D. C.
Grandison, Bernice Marguerite Lynn, Mass.

Gray, Walter Dallas, Texas
Greene, Jesse Johnson Georgetown, Ky.
Gwathney, Benjamin Harrison Washington, D. C.
Harris, Bernard Baltimore, Md.
Harris, Elmore Estill Pinckard, Ky.
Harrison, London Ellis Washington, D. C.
Harrison, William Aaron Taylor, Texas
Hart, Dean Ethaniel Birmingham, Ala.
Hawk, Corrie Milton Guthrie, Okla.
Hawkins, George Russell Charleston, W. Va.
Henderson, Octavius Tennyson Grenada, Miss.
Hill, Grace Margaret Baltimore, Md.
Hines, Ashley Austin Washington, D. C.
Hoffler, William Marion Hertford, N. C.
Hollomand, George Crocker Washington, D. C.
Holmes, Clarence F. Denver, Col.
Hopkins, Ormond St. Michaels, Md.
Howard, Charles B. Wilkesbarre, Pa.
Howard, Edward Luke Warrenton, Va.
Hunt, Dezzie Herman Goldfield, Nev.
Hunter, John Edward Lexington, Ky.
Hutchinson, Clarence L. Austin, Texas
Hyman, Earl Robinson Washington, D. C.
Jackson, Allen Francis Washington, D. C.
Jackson, Burkie Birmingham, Ala.
Jackson, James Browne Zanesville, O.
James, Edward Lawrence Charleston, W. Va.
Johnson, Clifton Lamont Mobile, Ala.
Johnson, Ernest Clayborne Washingotn, D. C.
Jones, Marguerite Teresa Washington, D. C.
Jones, Richard Francis Washington, D. C.
Kelley, Joshua Thomas Baltimore, Md.
King, Walter Nathaniel Allan, Md.
Koger, Linwood Graves Reidsville, N. C.
Langford, John Wesley Springfield, O.
Lee, Jane Lexington, Ky.
Lewis, Milton Carey Washington, D. C.
Lofton, Melvin McKinlay Washington, D. C.
Love, Zachary Taylor Austin, Texas
Luck, Clyde Danville, Va.

Mack, Hannah E. Sumter, S. C.
Marshall, Henry Lawrence Camden, N. J.
Mason, Duane Boswell Dallas, Texas
Matthews, Reginald Daniel Washington, D. C.
Mazyck, Walter Herbert Charleston, S. C.
McCarter, L. G. Magnolia Springs, Tex.
Middleton, Louis Richard Savannah, Ga.
Miller, James E. Houston, Texas
Minor, Marguerite A. Washington, D. C.
Miner, Uzziah Fay, Okla.
Mitchell, Maywood Altoona Washington, D. C.
Morris, Leroy Trenton, N. J.
Moss, Eugene Armstrong Charleston, W. Va.
Myers, Perry Greenberry Waterbury, Md.
Nelson, Thomas Bernard Baltimore, Md.
Nelson, William Stuart Paducah, Ky.
Nicholas, John Q. Washington, D. C.
Payne, Charles Benjamin Charleston, W. Va.
Pelham, Gabrielle Dorothy Washington, D. C.
Peters, Euric Sylvan Norfolk, Va.
Pinckney, Leo Alexander Charleston, S. C.
Pleasants, David Marian Graham, Va.
Porter, Henry William Washington, D. C.
Powell, Chilan B. Newport News, Va.
Purvis, Isaiah D. Brooklyn, N. Y.
Quinland, William Samuel Aubigura, B. W. I.
Randall, Frederick Robert Washington, D. C.
Roberson, Woody Maurice Dry Fork, Va.
Robinson, Frank E. Washington, D. C.
Rowe, John W. Danville, Ky.
Samuel, George Frederic Port of Spain, B. G.
Satterwhite, Cavassa Washington, D. C.
Scott, Charles Winfield Washington, D. C.
Scott, James E. Washington, D. C.
Scruggs, Baxter Smith Nashville, Tenn.
Seale, Clarence St. Clair Campbelltown, B. W. I.
Sims, Pauline Jewett Macon, Ga.
Sinkford, Jameson Warren Bluefield, W. Va.
Smith, Adelaide Delaine Ottawa, Ill.
Smith, Walter Alexander Washington, D. C.

Spence, William Edward Snow Hill, Md.
Stanard, Lawrence Washington, D. C.
Sutton, Carrie Jane San Antonio, Texas
Sykes, Frank Jehoy Decatur, Ala.
Tancil, Leon Algernon Alexandria, Va.
Taylor, Elsie Leigh Manassas, Va.
Taylor, Horace Greely Guthrie, Okla.
Taylor, Otto Lafayette Washington, D. C.
Terrell, Mary Louise Washington, D. C.
Thomas, Mabel Cecelia Washington, D. C.
Thompson, Charles Maceo Columbia, S. C.
Thompson, Samuel Boyd Washington, D. C.
Timus, William Albert Washington, D. C.
Tucker, Jacob T. Bermuda, B. W. I.
Ward, Cecil Lamont Sanford, Fla.
Warf, Ira Phila., Pa.
Waters, George Fletcher Gainesville, Fla.
Wayland, Harold Harteway Saratoga Springs, N. Y.
Webb, Mary Frances Washington, D. C.
White, Fred Clark Phila., Pa.
Whiting, Elmore Jerome Haverhill, Mass.
Williams, Wesley Cecil Los Angeles, Cal.
Wimbish, Christopher Columbus Atlanta, Ga.
Winston, James Frank Eufield, Va.
Yates, Dolan Buckman Washington, D. C.

PART COURSE STUDENTS

Ballard, William H. Lexington, Ky.
Barker, Florence M. Washington, D. C.
Botts, John Minor Washington, D. C.
Francis, Dorothea Washington, D. C.
Grinnage, Willard Thomas Phila., Pa.
Howell, Ada S. Phila., Pa.
Johnson, Thomas Scott Washington, D. C.
Lofton, Anna L. Washington, D. C.
Malord, William Cogswell Washington, D. C.
Peters, Ruth Brown Washington, D. C.
Porter, Robert Peck Washington, D. C.
Proffitt, Moses M. Helena, Ark.
Rucker, Ainsworth Spofford Washington, D. C.

Skinker, Laura J. Washington, D. C.
Skinker, Lillian Rosa Washington, D. C.
Smith, Albert Alexander New Orleans, La.
Smith, Alma Poole Washington, D. C.
Taylor, Abram L. Washington, D. C.
Ware, Alonzo Washington, D. C.
Whyte, William Elias Grenada, B. W. I.

SPECIALS *

Adams, George Cornelius Muskogee, Okla.
Aiken, Walter Henry Dover, Del.
Allen, Charles Edward Birmingham, Ala.
Anderson, George H. Jamaica, B. W. I.
Armstead, Abram D. Lovelady, Texas
Barclay, Martin Luther Horatio New York, N. Y.
Brannon, Griffith Carter Louisville, Ky.
Brice, George Edward Annapolis, Md.
Carey, Richard Edmond St. Kitts, B. W. I.
Carrington, Lloyd Stanley Canal Zone, Panama
Champion, Alexander F. Jacksonville, Fla.
Connell, Joseph Simeon Trinidad, B. W. I.
Collins, Alfred Henry Norfolk, Va.
Cooper, Jennie Theresa Richland, S. C.
Cummings, Richard York, Pa.
Desmukes, Albert David Gonzales, Texas
Fisher, Florence Cattlette Norwalk, Conn.
Flipping, Keffler Meadeo East Radford, Va.
Garvin, Walter Benjamin Jacksonville, Fla.
Heard, Agnes Aramenta Athens, Ga.
Henry, Josiah Francis Good Hope, D. C.
Howard, Raymond Arlington San Andres Is., Gough.
Howell, Lafatette A. Norfolk, Va.
Key, George Raymond Francis Washington, D. C.
Lampton, Cornella Derrick Greenville, Miss.
Lane, Julia Frances Norwich, Conn.
Lane, Maude Elgena Baltimore, Md.

*In addition to these, 145 Dental and Pharmaceutical students pursued courses in Chemistry in the College of Arts and Sciences.

Lindsay, Hallie Quinn Memphis, Tenn.
Lowe, Roy John Muskogee, Okla.
Meyer, Baldemaro San Domingo, B. W. I.
Morgan, Charles A. Jamaica, B. W. I.
Morgan, Charles McLean Demarara, S. A.
Mosse, Jonathan Cardie New York, N. Y.
Norton, Carl Homer Tampa, Fla.
Owen, Robert Lee Memphis, Tenn.
Penderhughes, Charles L. Providence, R. I.
Plaine, Judson Bliss Cedartown, Ga.
Pollard, Benjamin Golatha Georgetown, B. Guiana.
Potter, Edward Warren Charleston, S. C.
Preston, Charles Watts Albany, Ga.
Rose, Claude Melvin Washington, D. C.
Ross, Marshall Ellis Newport, R. I.
Saxton, George Thomas Pine Bluff, Ark.
Sealy, Merton Carlyle Montreal, Canada.
Sims, Peola Charles Covington, Tenn.
Starks, Eugene F. Eagle Rock, Va.
Stewart, Herschell Henderson Washington, D. C.
Swann, Frank Lloyd New Haven, Conn.
Thompson, Elizabeth Washington, D. C.
Tomlinson, Arthur John Jamaica, B. W. I.
Ward, Chester Allen Charlottesville, Va.
White, Chauncey Dysew Matthews, Va.
Wright, James W. Denton, Md.

SUMMARY

Graduate Students	2
Seniors	31
Juniors	50
Sophomores	58
Freshmen	151
Part Course	20
Specials	53
Total	365

THE TEACHERS COLLEGE

Graduate Students

Massie, Samuel Proctor Xenia, Ohio.
(A. B. Howard University)

Robinson, Merten Paul Oberlin, Ohio
(A. B. Oberlin College)

Seniors

Adams, Charles Spencer Washington, D. C.
Brinkley, Ruth Catherine Washington, D. C.
Brown, Bernardine Sedricks Washington, D. C.
Chipman, Charles Henry West Cape May, N. J.
Clair, Matthew Walker Washington, D. C.
Crampton, Earl H. Scranton, Pa.
Cuff, Ethel Letitia Wilmington, Del.
Fearing, Gladys Christine Washington, D. C.
Foster, William Henry Tuscaloosa, Ala.
Franklin, Joseph Alexander Orange, N. J.
George, Clayborne Surry C. H., Va.
Gunner, Mary Frances Hillburn, N. Y.
Harris, Jemima Laura Washington, D. C.
Howard, James Ross Baltimore, Md.
Jackson, Margaret Edna Baltimore, Md.
Jordon, Jesse Mayslick, Ky.
Kidrick, Lucy Wilson Washington, D. C.
Long, Howard Hale News Ferry, Va.
Morse, Leonard Francis New Bedford, Mass.
Redden, Meta Augusta Baltimore, Md.
Rose, Bertha Madden Washington, D. C.
Ruffin, Guy Stephen Clarksburg, W. Va.
Sandors, Ada Frank Baton Rouge, La.
Toles, Sarah Edessa Battle Creek, Mich.
Toliver, Gladys Eleanora Naoma Washington, D. C.
Walker, Homezelle Scott Washington, D. C.
Wyche, Julia Inez Charlotte, N. C.

Juniors

Anderson, Aramenta Henrietta Denver, Colo.
Bardwell, Shadrach Eddie Henrii Pensacola, Fla.
Brinkley, Edith Naomi Washington, D. C.
Burson, Beatrice Bessie Dallas, Texas
Crawford, Harry Stephenson Washington, D. C.
Davis, Charles Alexander Elizabeth, N. J.
Frisby, Clarence W. Cannonsburg, Miss.
Lee, Helen Eliza Catherine West Philadelphia, Pa.
McAden, Mosby Bradley Milton, N. C.
McComas, Ruby Ann Hamilton, Ontario, Can.
McCormick, Thomas Herbert Baltimore, Md.
Martin, Harry Moire Cincinnati, Ohio.
Miller, William Alexander Norfolk, Va.
Monholland, Vera May Kansas City, Mo.
Morton, Albert McIntosh Washington, D. C.
Nelms, Bessie Louise Montgomery, Ala.
Rose, Emma Stephens Washington, D. C.
Scott, Virginia Marie Louise Washington, D. C.
Smith, Bertha Len Meridian, Miss.
Snowden, Anna Jean Dayton, Ohio
Southall, Eugene Portlette Norfolk, Va.
Turner, Alice Porter Boston, Mass.
Walker, Abraham McCartney Avalon, Va.
Wallace, Horace Beverley Petersburg, Va.
Wilkinson, Ethel Cornelia Washington, D. C.
Woodward, Joseph Nathaniel Washington, D. C.

Sophomores

Anderson, Ethel Louise Baltimore, Md.
Armstrong, Earl Murphy Moundsville, W. Va.
Armstrong, Ernest George Moundsville, W. Va.
Baer, Jennie Emily Wrightsville, Pa.
Boyd, Charles Henry W. Palm Beach, Fla.
Butt, Isaiah James Washington, D. C.
Coates, Vivian Estelle N. S. Pittsburg, Pa.
Coffey, Elizabeth Ruth Florence, Ala.
Coleman, Rosa Belle Washington, D. C.
Gilbert, Lucile Wilhelmina Washington, D. C.

Goldston, Genevieve Rollins Pittsburg, Pa.
Harper, Harriet Helen Augusta, Ga.
Hughes, Sydney Evelyn Washington, D. C.
Hughson, Julian Seward New York, N. Y.
Irving, Bessie Herbert Washington, D. C.
Jones, Sara LaVetta Henderson, Ky.
Lancaster, Ernestine Elizabeth Washington, D. C.
Lawson, Earl Marlan Leavenworth, Kan.
McGuinn, Alma Augusta Baltimore, Md.
Mathis, Geneva Evelyn Greenville, Ky.
Moore, Zephyr Abigail Pasadena, Cal.
Morton, Etta Leola Steubenville, Ohio
Mullon, Lilla Valena New Orleans, La.
Napper, Clarence Temple Harper's Ferry, W. Va.
Newsome, Alpha Blondel Washington, D. C.
Perkins, Frank Howard Baltimore, Md.
Quarles, Lillian Dorothy Washington, D. C.
Queen, Lawrence William Baltimore, Md.
Savage, William Sherman Wattsville, Va.
Shaw, Henrietta Lynnette Washington, D. C.
Smith, Ruth Harrison Wheeling, W. Va.
Swinson, Maude Earline Washington, D. C.
Sydes, Ruth Miriam Washington, D. C.
Townes, Justine Olivia Washington, D. C.
Wade, Shirley Moundsville, W. Va.
Waring, Mary Imogene Washington, D. C.
Washington, Nellie C. B. Washington, D. C.
Weaver, Hazel Edna Cleveland, Ohio
White, Martha Ann Fredericksburg, Va.
Whiteman, Armeta Wilmington, N. C.
Whiting, Adele Washington, D. C.

Freshmen

Abner, Ewart Gladstone Conroe, Texas
Akers, Lillian Beatrice Washington, D. C.
Ballard, Stanley Andrew Sea Bright, N. J.
Bass, Flossie South Park, Kan.
Brent, Rufus Oliver West Medford, Mass.
Brown, George W. Bel Haven, N. C.
Brown, Marion E. Washington, D. C.

Brown, Nellie Wilder Washington, D. C.
Brown, Surelia Washington, D. C.
Bruce, William Alphonso New York City
Burnside, Marion Talita Washington, D. C.
Bushe, Gertrude Viola Brooklyn, N. Y.
Caine, Anna Mae Fall River, Mass.
Cesar, Olive Clementine Sharon, Conn.
Clarke, Madeline E. Washington, D. C.
Coleman, Adele Eloise Washington, D. C.
Coleman, Anna Baltimore, Md.
Cornell, Ruth Brown Washington, D. C.
Craig, Howard Grafton, W. Va.
Davis, Pearl Lena Washington, D. C.
DeFreese, Sara Mildred Hillburn, N. Y.
Dennis, Benjamin Franklin Princess Anne, Md.
Dixon, Lewis Edward Washington, D. C.
Early, Benjamin H. Gordonsville, Va.
French, John Thomas Elizabeth City, N. C.
Gordon, Grace Violet Beatrice, Neb.
Grant, Grover Cleveland Austin, Texas
Green, Ruth Naomi Washington, D. C
Grinnage, Isabella Morris Atlantic City, N. J.
Harrison, Odele Georgette Mobile, Ala.
Hearn, Ethel Marie Berwyn, Pa.
Herndon, Lillian Washington, D. C.
Hinkson, Marie Philadelphia, Pa.
Hughes, Helen Elain Washington, D. C.
Jackson, Maxey A. Marion, Ky.
James, Esther Caroleaser Washington, D. C.
Jernagin, Rosabell Cordelia Washington, D. C.
Johnson, Blanche Elizabeth Washington, D. C.
Johnson, Henrietta Washington, D. C.
Johnson, Mary Emma Washington, D. C.
LeBrandt, Lola Julene Washington, D. C.
Lee, Beulah Catherine Washington, D. C.
Lee, Harvey Kelly Columbus, Ohio
Lemon, Thomas Augustus Sassafras, Va.
Lewis, Edna Lachloe Muskogee, Okla.
Liverpool, Lillie Mae Washington, D. C.
McNeill, Queene Ethel Washington, D. C.

Mann, Holland Annette Darien, Ga.
Martin, Sadye Baltimore, Md.
Mason, Myrtle Washington, D. C.
Mason, Ruth Dallas, Texas
Miller, Mary Elizabeth Washington, D. C.
Miller, Portia Malinda Baltimore, Md.
Murphy, Hettie May Washington, D. C.
Muse, Lloyd Brook Washington, D. C.
Myers, Irene Inez Washington, D. C.
Norman, Ruth Ernestine Washington, D. C.
Oden, Mabel Lee Washington, D. C.
Padget, Daisy Virginia Chester, Pa.
Perry, Ethel Mae Washington, D. C.
Peters, Constance Carlotta Washington, D. C.
Plummer, Ethel Letitia Washington, D. C.
Poindexter, William Baymiller Bluefield, W. Va.
Preston, Emmett Delours Washington, D. C.
Prout, Edna Marie Washington, D. C.
Pruitt, James Walter Florence, Ala.
Rattley, Annie E. Washington, D. C.
Reid, Maurice Edward Braddock Heights, Md.
Ross, Artie Cumilla Washington, D. C.
Robinson, Lloyd Aubrey Baltimore, Md.
Sewall, Haidee Washington, D. C.
Shinn, Montgomery LeRoy Washington, D. C.
Shoucraft, Mabel Gwendolyn Washington, D. C.
Simms, Josephine Washington, D. C.
Smallwood, Ruth Valrea Washington, D. C.
Stewart, Mary Lorene Washington, D. C.
Stitt, Willie Belle Washington, D. C.
Stovall, Carolyn Louise Washington, D. C.
Taylor, Matthew Washington, D. C.
Taylor, Silas Mack Lynchburg, Va.
Thomas, Julius A. Charleston, W. Va.
Walker, Gertrude Washington, D. C.
Watkins, Ella Magnolia Washington, D. C.
Watkins, Gertrude Lee Montgomery, Ala.
Webb, Hayward Thomas Preston, Md.
Welch, Edith Mae Washington, D. C.
White, Harry Alexander Magnolia, N. J.

Williams, Madeline Washington, D. C.
Woolridge, Maria Belle Shelbyville, Ind.
Young, Elizabeth Cornelia Pittsburg, Pa.

PART COURSE STUDENTS

Berry, Marion Anita Washington, D. C.
Cooper, Jennie Theresa Richland, S. C.
Hite, Mary Emma Washington, D. C.
Ivey, Hattie Pauline Drewryville, Va.
Johnson, Blanche Beatrice Washington, D. C.
Lee, James Edward Atlanta, Ga.
Long, Hilliard Whietted Hillsboro, N. C.
Major, Lucy Norvelle Hopkinsville, Ky.
Mason, Anna Marion Washington, D. C.
Mitchell, John Stafford Lynchburg, Va.
Moore, Kid Leon Gambling, La.
Mullen, Lottie Frankie Washington, D. C.
Tayleur, Katherine E. Washington, D. C.
White, Lucy A. Columbus, N. C.
Wilson, Lucy Eslanda Washington, D. C.
Woodson, Parthenia Washington, D. C.

SUMMARY

Seniors	27
Juniors	26
Sophomores	41
Freshmen	90
Part Course	16
Post-Graduate	2
	202

THE SCHOOL OF MANUAL ARTS AND APPLIED SCIENCES. ENGINEERING COURSES.

SENIORS

Falu, Narciso, B. S., Howard University..... San Juan, Porto Rico
Huskerson, William A., B. S., Howard University,
Kingston, St. Vincent, B. W. I.

JUNIORS

Rose, Claude Melvin Washington, D. C.

SOPHOMORES

Piper, Percival R. Washington, D. C.
Potter, Edward Warren Charleston, S. C.
Sealy, Merton Carlyle Montreal, Canada
Stewart, Herschel Henderson Washington, D. C.

FRESHMEN

Meyer, Baldemaro Macoris, San Domingo
Saxton, George Thomas Pine Bluff, Ark.
Tomlinson, Arthur John Savlamar, Jamaica

SUMMARY

Seniors	2
Juniors	1
Sophomores	4
Freshmen	3
	10

CONSERVATORY OF MUSIC

VOCAL STUDENTS

ADVANCED

Booker, Elbert Lee Seattle, Wash.
Evans, Lillian Washington, D. C.
Goodwin, Amy Louise Amherst, Mass.

INTERMEDIATE

Abner, Ewart Gladstone Houston, Tex.
Aiken, Walter Henry Washington, D. C.
Briggs, Maine Lewis Providence, R. I.
Calloway, Virginia Washington, D. C.
Garnett, Thomas Howard Louisville, Ky.
Jackson, Birkie Birmingham, Ala.
Mayfield, Florence Lillian Frankleton, N. C.
Monholland, Vera May Kansas City, Mo.
Powell, Gladys Hermine Washington, D. C.
Rhodes, Margaret Lillian Columbia, N. C.
Strothers, Ruth Washington, D. C.
Ward, Gladys Marie Springfield, Mass.

PIANO STUDENTS

Seniors

Bundy, Della Washington, D. C.
Johnson, Ruth Howlett Springfield, Mass.
Lampton, Cornella Derrick Greenville, Miss.

Advanced

Brown, Grace Adelaide Washington, D. C.
Carroll, Emma Washington, D. C.
Catlett, Desirie Cornelia Washington, D. C.
Evans, Annie Lillian Washington, D. C.
Goodwin, Amy Louise Amherst, Mass.
Harris, Elizabeth Washington, D. C.
Lane, Maude Elgena Nelson Baltimore, Md.
Lindsay, Hallie Quinn Memphis, Tenn.
Lott, Celestine Estelle Washington, D. C.
McGhee, Annie Jeannette Washington, D. C.
Redden, Meta Augusta Baltimore, Md.
Rhodes, Margaret Lillian Columbia, S. C.
Smith, Adelaide Delaine Ottowa, Ill.
Webb, Louise Virginia Pittsburg, Pa.
West, Araminta Eleanore Washington, D. C.
Williams, Cora Mabel Washington, D. C.
Wood, Albin Tourgee Greensboro, N. C.

Intermediate

Adams, Charles Stewart Washington, D. C.
Anderson, Ethel Louise Baltimore, Md.
Barbre, Bessie Washington, D. C.
Baxter, Marian Angelina Georgetown, S. C.
Brent, Rufus Oliver Boston, Mass.
Burke, Inez Margaret Washington, D. C.
Calloway, Virginia Washington, D. C.
Capehart, Myrtle Lillian Raleigh, N. C.
Curtis, Flossie Washington, D. C.
Everett, Gladys Theola Lynchburg, Va.
Glen, Zillah May Duluth, Minn.
Gundy, Esther Viola Haverhill, Mass.
Harris, Hattie Mae Athens, Ga.

Heard, Agnes Araminta Athens, Ga.
Hilyer, Kathleen Washington, D. C.
Hopkins, Claude Washington, D. C.
Jernagin, Gertrude Evelyn Washington, D. C.
Kirksey, Thomas Selma, Ala.
Lane, Julia Frances Norwich, Conn.
Lane, Rosa Beele Washington, D. C.
Neal, Pearl Anna Charlotte, N. C.
Ruffin, Beatrice Marion Washington, D. C.
Shelton, Daisy Beele Lynchburg, Pa.
Smith, Olive Bird Springfield, Mass.
Sullivan, Zoa Wilmington, N. C.
Swanston, Ernest Nevis, B. W. I.
Taylor, Ethel Richmond, Va.
Thompson, Genevieve Washington, D. C.
Warde, Eston Lynchburg, Va.
Ward, Gladys Marie Springfield, Mass.
Williams, Madeline Washington, D. C.
Wells, Alma Nashville, Tenn.

ELEMENTARY

Bailey, Susie Washington, D. C.
Briggs, Maine Lewis Providence, R. I.
Brown Alma Inez Charleston, S. C.
Carter, Ira Washington, D. C.
Choates, Marie Frances Washington, D. C.
Connelley, Quesnal Albunyan East End, B. W. I.
Croell, Levia Edward Newport, R. I.
Davis, Charles Alexander Elizabeth, N. J.
Gatewood, Lottie Bowling Green, Ky.
Greene, Ruth Naomi Washington, D. C.
Groomes, Roland O. Baltimore, Md.
Harris, Violet Margaret Washington, D. C.
Hart, Clementine Bartlett Washington, D. C.
Hart, William Henry Washington, D. C.
Jackson, Lena May Washington, D. C.
Jones, Mildred Adella Savannah, Ga.
Lane, Eulalia Marcellene Vineland, N. J.
Lucas, Last Boy Rocky Mount, N. C.
Mayfield, Florence Lillian Frankleton, N. C.

Mullen, Lottie Frankie Washington, D. C.
Myers, Lizzie Alice Washington, D. C.
Padget, Daisy Virginia Chester, Pa.
Parnell, Ethel Shirley Washington, D. C.
Powell, Gladys Hermine Washington, D. C.
Reed, Florence Roberta Liberia, Africa
Shackleford, Esther Alexander Richmond, Ky.
Simmons, Sarah Elizabeth Baltimore, Md.
Sinkford, Jamison Warren Bluefield, W. Va.
Strothers, Ruth Washington, D. C.
Younger, Cora Pittsburg, Pa.

ORGAN STUDENTS

Intermediate

Bundy, Della Washington, D. C.
Johnson, Ruth Howlett Springfield, Mass.
Lampton, Cornella Derrick Greenville, Miss.
Lott, Celestine Estelle Washington, D. C.

VIOLIN STUDENTS

Elementary

Baxter, Marian Angelina Georgetown, S. C.
Bailey, Isaac G. Arkansas City, Ark.
Cecil, Anna Johnson City, Tenn.
Firse, Dillard Jesse Cleveland, Ohio
Hopkins, Claude Washington, D. C.
Lane, Maude Elgena Nelson Baltimore, Md.
Surcey, Charles Pinkney Jacksonville, Fla.

HARMONY II

Brown, Grace Adelaide Washington, D. C.
Bundy, Della Washington, D. C.
Johnson, Ruth Howlett Springfield, Mass.
Lampton, Cornella Derrick Greenville, Miss.

HARMONY I

Calloway, Virginia Washington, D. C.
Everett, Gladys Theola Lynchburg, Va.
Harris, Elizabeth Washington, D. C.
Lane, Julia Frances Norwich, Conn.

Lane, Maude E. N. Baltimore, Md.
Lindsay, Hallie Quinn Memphis, Tenn.
McGhee, Annie Jeannette Washington, D. C.
Redden, Meta Augusta Baltimore, Md.
Rhodes, Margaret Lillian Columbia, S. C.
Shelton, Daisy Beele Lynchburg, Va.
Swanston, Ernest Nevis, B. W. I.
Warde, Eston Lynchburg, Va.
Webb, Louise Virginia Pittsburg, Pa.

SUMMARY

Vocal	15
Piano	82
Organ	4
Violin	7
Harmony	17
	125
Names Duplicated	31
	94

THE SCHOOL OF THEOLOGY

SENIORS

Blake, David Addison Cary, N. C.
Connell, Joseph Simeon Trinidad, B. W. I.
Delainey, William Young Dee Philadelphia, Pa.
Fowler, George Venable Key West, Fla.
Goffnay, Stephenie Washington, D. C.
Holder, Hafford Alonzo Demerara, British Guiana
Hollands, Elijah Williams Washington, D. C.
Jones, Thomas C. Harrelsville, N. C.
Lassiter, Grover C. Harrelsville, N. C.
Maddrey, John Philadelphia, Pa.
Morgan, Charles McLean Demerara, S. A.
Swanston, Ernest E. Nevis, B. W. I.
Williams, Lawrence L. Stephen City, Va.

MIDDLERS

Anderson, George H. P. Manchester, Jamaica, B. W. I.
*Armstrong, John William Cambridge, Md.

Broadus, Eugene Thomas Deanwood, D. C.
Carson, Bishop B. Lowndesville, S. C.
*Greene, Richard Allen Baltimore, Md.
Hamilton, Walter George Brooklyn, N. Y.
Hodgson, William LeRoy Bluefields, Nicaragua
Jernigan, Charles W. Winton, N. C.
Nelson, Rinico Steedman, S. C.
Pace, James Wesley New Orleans, La.
Pagan, Adholtz H. Gastonia, N. C.
Pile, Renn Francis Barbados, B. W. I.
Preston, William B. Salem, Va.
Ricks, Walter Edward Portsmouth, Va.
West, Thomas Clarke St. Anns, Jamaica, B. W. I.

Juniors

Cary, William H. Richmond, Va.
Grecian-Donawa, Dudley Trindad, B. W. I.
Haynes, Eugene Augustus Jamaica, B. W. I.
Helm, Arrington S. Anacostia, Md.
Holley, Lewis W. Washington, D. C.
Lee, James Edward Atlanta, Ga.
Marshall, James Monroe Washington, D. C.
Proctor, George Eugene Baltimore, Md.
Shirley, Edwin Samuel Jamaica, B. W. I.

Special Students

Bowe, John W. Frankfort, Ky.
DesMukes, Albert Davidee Gonzales, Texas
Fitzpatrick, Frank N. Philadelphia, Pa.
Long, Hilliard White Hillsboro, N. C.
Scott, Albert Livingstone Washington, D. C.

Unclassified Students

Aiken, Walter Henry Dover, Del.
Cropper, Robert Henry Milford, Del.
Herring, Lormie Preston Wigham, Ga.
Hercules, James Festus Bluefields, Nicaragua
Holley, Lewis W. Columbia, S. C.
Hughes, Enoch E. Cambridge, Md.
Moore, Kid Leon Grambling, La.
Scott, George Wilford Washington, D. C.

* Conditioned.

THE EVENING INSTITUTE

Fourth Year

Bolden, Mary J. Washington, D. C.
Comer, Charles P. Washington, D. C.
Hawkins, James H. Washington, D. C.
Hearnes, Frank L. Washington, D. C.
Holmes, James T. Washington, D. C.
Jones, Cornelius S. Galveston, Texas
Massy, John K. Washington, D. C.
Wheeler, Wesley C. Washington, D. C.

Third Year

Jenkins, Charles B. Washington, D. C.
Lewis, Augustus Washington, D. C.
Marshall, John T. Washington, D. C.
Stevenson, Nathaniel G. Washington, D. C.
Thornton, William A. Washington, D. C.
Williams, William A. Washington, D. C.

Second Year

Anderson, Robert Washington, D. C.
Boswell, John Washington, D. C.
Cunningham, John Washington, D. C.
Davis, James W. Washington, D. C.
Gant, Benjamin F. Washington, D. C.
Gaskins, Hampton P. Kenilworth, Md.
Henderson, William T. Washington, D. C.
Henley, Emma L. Washington, D. C.
Jones, Edward Washington, D. C.
Lee, Joseph W. Washington, D. C.
Mason, William A. Rockville, Md.

First Year

Addison, William H. Washington, D. C.
Anderson, Robert N. Washington, D. C.
Brooks, Eugene B. Washington, D. C.
Colley, Joel J. Washington, D. C.
Dorsey, Charles H. Washington, D. C.
Fisher, Abraham B. Washington, D. C.
Frazier, James Washington, D. C.

Goins, J. G. Washington D. C.
Hamilton, John A. Washington, D. C.
Jackson, Hartwell M. Washington, D. C.
Jackson, Benjamin F. Washington, D. C.
Jiggetts, Benjamin D. Washington, D. C.
Johnson, James R. Washington, D. C.
Mason, Joseph B. Washington, D. C.
Miser, James Washington, D. C.
Osborne, Irving Washington, D. C.
Pickett, Henry O. Washington, D. C.
Shadd, Ralph S. Washington, D. C.
Walden, Charles E. Washington, D. C.
Willis, Charles P. Washington, D. C.
Wilson, Robert B. Washington, D. C.

DEPARTMENT OF CORRESPONDENCE STUDY

Armstead, H. D. Lovelady, Texas
*Baker, Henry C. P. Winchester, Va.
Blackiston, J. H. Philadelphia, Pa.
Burns, Joseph H. Lancaster, Ky.
*Brown, J. A. Washington, D. C.
Brown, G. W. Hickory, Va.
Cotton, T. W. Oceana, Va.
Coulbourne, J. S. Wattsville, Va.
Coward, B. P. Wilson, N. C.
Day, O. T. Portsmouth, Va.
Deloatch, E. B. Mount Airy, N. C.
Dew, W. H. Ayde, N. C.
Dickerson, J. H. Westfield, N. J.
Dotson, J. E. Leesburg, Va.
*Drake, John D. Washington, D. C.
Elmes, Arthur F. New York City, N. Y.
Flowers, Wesley Pittsburg, Pa.
Georges, E. Irvine Ocala, Fla.
*Geter, Clifford Newsoms, Va.
Ginn, William Atlantic City, N. J.
*Goffnay, Stephenie Washington, D. C.

* Matriculated.

Grant, J. E. Charlottesville, Va.
Greene, J. A. C. Grafton, W. Va.
Griffin, J. F. Mobile, Ala.
*Hargis, D. H. Wilmington, Del.
*Hart, Robert A. Bennings, D. C.
Hawkins, G. A. Brandywine, Md.
Hawkins, S. T. Derita, N. C.
Haynes, Adolph E. Hamilton, Va.
Henderson, William Newport, R. I.
Hobbs, Stephen T. Alamo, Ga.
*Hodge, Benjamin H. Jacksonville, Fla.
Holmans, C. H. Paw Creek, N. C.
Holmes, F. D. Norfolk, Va.
*Jackson, John A. Washington, D. C.
*Jeffress, J. M. Charlotte C. H., Va.
Jennings, R. D. Grafton, W. Va.
Jenkins, A. L. Ronceverte, W. Va.
Johnson, L. H. Oxford, N. C.
Jones, S. August New York City, N. Y.
Joseph, Victor A. Balboa, Canal Zone
Lee, Joseph W. Washington, D. C.
Lewis, E. Martin Canal Zone, Panama
Leath, W. H. Mobile, Ala.
*Lucas, B. A. Washington, D. C.
Lundeen, Ernest Hildreth, Neb.
*Macdonald, Alexander T. Nova Scotia, Canada
Mason, Mrs. B. E. Pittsburg, Pa.
Mickens, J. W. Harriston, Va.
Nichols, John D. Hartford, Conn.
Perry, Burl H. Atlantic City, N. J.
Peters, Edwin Trinidad, B. W. I.
Phillips, Albert H. New York City, N. Y.
Pinson, I. David Sumter, S. C.
Ramseur, C. V. Charlotte, N. C.
*Reed, D. L. Fredericksburg, Va.
Richardson, Alonzo Washington, D. C.
Risien, Harry New York City, N. Y.
Roach, T. E. New Haven, Conn.

* Matriculated.

*Stokes, V. V. K. Baltimore, Md.
Sharpp, Lewis M. Cleveland, O.
Sheppard, J. D. West Setauket, N. Y.
Stovel, Daniel D. Ancon, Canal Zone.
*Suthern, W. B. Harrisburg, Pa.
Taylor, Ernest Augustus Trinidad, B. W. I.
Tate, G. W. Salisbury, Md.
Townsend, G. T. Dames Quarter, Md.
Turner, E. D. Brockton, Mass.
Turner, W. A. St. Michaels, Md.
Virgil, J. D. Prince Bay, Staten Island
Walker, C. M. South Orange, N. J.
West, W. C. Preston, Md.
Williams, Ashton A. New York City, N. Y.
Wilson, T. P. Salisbury, Md.
Wormley, Leon S. Washington, D. C.
Woodley, T. H. Berlin, Md.

Summary

Seniors	13
Middlers	15
Juniors	9
Special Students	5
Unclassified	8
	50

Evening Institute

Fourth Year	8
Third Year	6
Second Year	11
First Year	21
	46

Correspondence Students

Matriculated as University Students	14
	14
	110
Correspondence Students not included in enrollment	61
Final Total	171

* Matriculated.

MEDICAL COLLEGE

SENIORS

Alleyne, Albert Allen Trinidad, B. W. I.
Brown, Thomas Clifton Baltimore, Md.
Burke, Stephen Emery Orange, N. J.
Clinton, John Jacob Lancaster, S. C.
Crawford, Martin Luther, A. B. Howard Jacksonville, Fla.
Dixson, David Johnson, A. B., Benedict College Barnwell, S. C.
Dottin, Martin Luther Barbados, B. W. I.
Garvin, Charles Herbert, A. B., Howard Jacksonville, Fla.
Gibson, Levi Alexander, A. B., Livingstone China Grove, N. C.
Gordon, Robert Keith Darlington, S. C.
Harris, Norman Watkins Norfolk, Va.
Holdbrooks, Alonzo Albert, A. B., Livingstone China Grove, N. C.
Humbert, Charles Robert Darlington, S. C.
Lee, Edwin Henry, B. S., Columbia Tuskegee Inst., Ala.
McKelvie, Julius Cæsar, A. B., Howard Augusta, Ga.
McMorris, John Howard, A. B., Howard Ellisville, Miss.
McRae, Jay Garland, B. S., Biddle Carthage, N. C.
Parker, James Wesley, A. B., Howard Jacksonville, Fla.
Riley, Joseph Henry, Howard Little Rock, Ark.
Robinson, Ernest Augustus, A. B., Livingstone Pee Dee, N. C.
Watson, Byron Alexander Washington, D. C.
Wilson, Isam Elijah, A. B., Biddle Macon, Ga.
Worth, Charles Wesley, A. B., Shaw Raleigh, N. C.
Yoakley, William Ballas, A. B., Wilmington Wilmington, Ohio
Young, Claudius Junius, A. B., Benedict Sherrill's Ford, N. C.

JUNIORS

Bennett, Isaiah Samuel, A. B., Allen Charleston, S. C.
Calloway, Elijah Arthur Kilgore, Texas
Claybourne, Moses, A. B., Howard Boone Mill, Va.
Cooper, Wellington Watson Waco, Texas
Coleby, Albert Edward Nassau, Bahamas, B. W. I.
Conyers, James Garfield Chattanooga, Tenn.
Flowers, John Azerre, A. B., Fisk Casscoe, Ark.
Holt, John Walker, A. B., Livingstone Asheville, N. C.
Hughes, Hugh Price Baltimore, Md.
Lane, Willard Mercer, A. B., Oberlin Washington, D. C.

Mayhew, William Henry Trinidad, B. W. I.
Norcom, William Porter, A. B., Yale Portsmouth, Va.
Norric, Morgan Edward, A. B., Lincoln Kilmarnock, Va.
Page, George Chester Baltimore, Md.
Palmer, Henry Samuel Jamaica, B. W. I.
Pigott, Casper Napoleon Baltimore, Md.
Plummer, Frank Victor Washington, D. C.
Ressy, Anselmo Pizarro Bayamon, Porto Rico
Richie, Emory Wallace Abbeville, S. C.
Starks, Samuel Lumpkin, A. B., Paine College Lisbon, Ga.
Terry, Elmer Clayton, A. B., Howard Reading, Pa.
Wallace, James Carroll, A. B., Wiley Beaumont, Tex.
Wiggins, Elmore Cornelius St. Louis, Mo.
Yard, James Christopher Port Elizabeth, S. Africa

SOPHOMORES

Booker, Lee Walls Danville, Va.
Burnett, Foster Flavorial, B. S. (A. & M. College) .. Wilmington, N. C.
Carroll, Daniel Harris, A. B., Morgan College Baltimore, Md.
Cook, Frank Robert, B. S., Howard Washington, D. C.
Cooper, Oscar James, A. B., Howard Washington, D. C.
Gibbs, Jonathan Clarkson, A. B., Howard Tallahassee, Fla.
Harris, Charles Young, A. B., Howard Washington, D. C.
Keaton, James Max Asheville, N. C.
Lennox, Porter Barry, A. B., Howard Detroit, Texas
Luck, Jeremiah, Jr., A. B., Howard Danville, Va.
Lunsford, Charles Terrel, A. B., Howard Macon, Ga.
Morgan, Frederick Clifton Barbados, B. W. I.
Primas, Howard Emmett Camden, N. J.
Quick, John Doward Rockingham, N. C.
Robinson, Kelly DeVan Lexington, Ky.
Savoy, Walter Stanford Washington, D. C.
Warricks, John Thomas, A. B., Howard Harrisburg, Pa.

FRESHMEN

Armstead, Abram Dean, A. B., Howard Lovelady, Texas
Brannon, William Griffith Carter, B. S., Howard Louisville, Ky.
Brown, Lucius Horace, B. S., Howard Louisville, Ky.
Butler, Felix Eugene, A. B., Howard Springfield, Ill.

Cheney, Perry Wadsworth, A. B., Georgia State Col....Lumpkin, Ga.
Chisholm, Gibbs, A. B., Biddle Frogmore, S. C.
Cobbs, Price Peter, B. S., Howard.....Barboursville, Va.
Davis, Raymond A., A. B., Howard.....Washington, D. C.
Fisher, Charles Bennett, A. B., Pittsburg.....Washington, D. C.
Ford, James Burnett, B. S. Howard Coatesville, Pa.
Gates, George Henry, A. B., Lincoln.....Cumberland, Md.
Hanna, Walter Sylvester Charleston, S. C.
Hardeman, Elliot Haskell, A. B., Wiley University..Ft. Worth, Tex.
Harllee, Chauncey Mitchell Depew, A. B. Howard Dallas, Tex.
Harper, William Henry, B. S., Howard Ft. Madison, Ia.
Harrison, Joseph Plummer Whitaker, N. C.
Hawkins, James Blake Baltimore, Md.
Hayes, James Hyland, Jr., A. B., Pennsylvania....Washington, D. C.
Jacobs, Phillip Eugene.....Beaumont, Tex.
McCain, James Price, A. B., Livingstone.....Southern Pines, N. C.
Nelson, Thomas Walter, A. B., Howard.....Richmond, Va.
Perry, Golan Sampson, A. B., Shaw Raleigh, N. C.
Scott, Luther James Jamaica, B. W. I.
Sherrill, George William, A. B., Livingstone Landis, N. C.
Shirley, John Wallbridge Jamaica, B. W. I.
Williams, Frank Piercen, B. S., Howard.....Uniontown, Pa.
Wilson, Wiley Merlio, Phar. D., Howard.....St. Louis, Mo.

DENTAL COLLEGE

SENIORS

Bush, James Emile New Orleans, La.
Butler, Lucius Armond Augusta, Ga.
Campbell, Alger Leon Tarrytown, N. Y.
Campbell, Emmett Earl Talcott, W. Va.
Claytor, William Oat (Special).....Washington, D. C.
Cole, Gilbert Alexander.....Jamaica, B. W. I.
Comans, Nathaniel Hawthorne Paris, Texas
Foster, Arthur Fitzjohn Jamaica, B. W. I.
Gardner, Roy Ralph Ashland, Ohio
Gittens, George Benjamin Barbados, B. W. I.
Gloster, Cecil Francis Scranton, Pa.
Goss, William Thomas, A. B., Biddle.....Durham, N. C.
Hanson, Theodore Elkanah Jamaica, B. W. I.

Hightower, Richard Anderson Montgomery, Ala.
Hunt, Raymond Baltimore, Md.
McTaggart, Roy Edison Grand Cayman, B. W. I.
Mitchell, Iverson Othello Washington, D. C.
Moseley, Welton Henry, B. S., Biddle Charlotte, N. C.
Nicholson, Edwin Alexander Jamaica, B. W. I.
Pettis, Willis J. Farmwell, Va.
Reid, Leon Asbury Portsmouth, Va.
Shelton, Leonard Levi Louisa, Va.
Terrell, John Henry, A. B., Biddle Cocoa, Fla.
Thomas, Raymond Bell Washington, D. C.
West, Reuben Morton Washington, D. C.
Williams, Albert Joseph, A. B., Atlanta Savanah, Ga.
Williams, Albert Pascal, A. B. Lincoln Savannah, Ga.
Wily, Merideth Bedinfield El Paso, Texas
Yancey, Clinton Ernest, A. B., Biddle Danville, Va.

JUNIORS

Bailey, Clarence Carlyle Norfolk, Va.
Beamon, Reginald Emmett, A. B., Howard Newport News, Va.
Beatty, John Casson Alexandria, La.
Brazier, Joseph Christopher New Orleans, La.
Bunch, Lonnie Griffith, A. B., Shaw Neuse, N. C.
Callen, Frank Clarence Savannah, Ga.
Clarke, Roger Washington, D. C.
Cromwell, Ashley Leander, A. B., Livingstone Williamston, N. C.
Davis, Alexander Gaston, A. B., Biddle Charlotte, N. C.
Dickens, Harvey Horace Philadelphia, Pa.
Downing, Ralph Bernard Altoona, Pa.
Dunn, Moses Daniel Kerens, Texas
Evans, Egbert Hugh Kingston, Jamaica, B. W. I.
Fyfe, Thomas Leopold Jamaica, B. W. I.
George, Charles Henry Trinidad, B. W. I.
Haywood, Harold Edmund San Antonio, Tex.
Howard, Waldo Jenkins Jacksonville, Tex.
Hunter, Frank Wilberforce Jamaica, B. W. I.
Hussey, Charles St. Castille Jamaica, B. W. I.
Ingraham, Berry Shumpert, B. P., Rust Corinth, Miss.
Ingram, William Everett Washington, D. C.

Intsiful, Kofi Tewia, A. B., Livingstone....Cape Coast, W. C. Africa
Jones, Thomas Eugene Washington, D. C.
Kendrick, Matthew Three Notch, Ala.
Lafayette, Albert Simms Savannah, Ga.
Lucas, Flavius Joseph Langley, Va.
Maitland, Clarence Albert Baltimore, Md.
Marshall, Clarence Griffith Bedford, Pa.
Maxwell, Andrew Dibble, A. B., Lincoln.....Sumter, S. C.
May, Edgar Hollis.....Holton, Kan.
McAllister, Henry Adam Fayetteville, N. C.
McCalla, Reuben Alexander Jamaica, B. W. I.
McLeod, Frederick Perry Florence, S. C.
McMurray, Alonzo James St. Louis, Mo.
Parham, James Tunstall Danville, Va.
Phillips, Edgar Donald Jamaica, B. W. I.
Plummer, Lionel Latimer Jamaica, B. W. I.
Pottinger, Simeon Hendric, B. S., Howard.....New York, N. Y.
Powe, Walter Darlington, S. C.
Reid, Herbert Jamaica, B. W. I.
Robinson, Edna Cordelia Corinna Montclair, N. J.
Scott, Wyndham Meredeth Songer Wytheville, Va.
Smith, Charles James Washington, D. C.
Thomas, Arthur Lafayette Long Branch, N. J.
Westmoreland, Isaac Owen, A. B., Atlanta.....Atlanta, Ga.
Wiley, Wabisha William Spencer Greensboro, Ala.

FRESHMEN

Bailey, Richmond Napoleon Tupelo, Va.
Bain, William Mathias Grenada, B. W. I.
Banks, Thomas Jackson, B. Pg., Lincoln Institute....Chillicothe, Mo
Barnes, George Spencer, B. S., Delaware State Col.....Oxford, Md.
Benson, Ulysses Grant, A. B., Biddle.....Winnesboro, S. C.
Bowser, Russell Linwood, A. B., Livingstone.....Wilson, N. C.
Cardwell, James Sidney Gary, W. Va.
Christopher, Nina King Jacksonville, Fla.
Coleman, Charles Hiram Blackstone, Va.
Cooke, Frederick Cavastal Edenton, N. C.
Cork, Leon Hudson, A. B., Howard.....Wilmington, Del.
Crosbie, Vernon Fitzroy Colon, R. P.

Firse, Dillard Jesse Cleveland, Ohio
Franklin, Sandy Thomas, A. B., Swift Memorial Knoxville, Tenn.
Fuller, William Theophilus McLean Jamaica, B. W. I.
Green, William Norwood Warrenton, N. C.
Cumbs, James Musgrave Anguilla, B. W. I.
Gunn, James Hairston, A. B., Shaw Watson, N. C.
Hackett, Robert James Baltimore, Md.
Henry, Lewis Anthony, B. S., Delaware State Col. Cambridge, Md.
Hibbert, Walter Nathaniel Jamaica, B. W. I.
Holden, Percy Spofford, B. S. (A. & M. Col.) Charlotte, N. C.
Horne, Woody Lemuel Rocky Mount, N. C.
Jennings, William Spencer Newport, R. I.
Lattimore, Oliver Louis Rusk, Texas
Lockley, Wesley Selester, Ed. B., Shaw Raleigh, N. C.
McGhee, Roy William Buckhannon, W. Va.
McNeill, Oliver Wendell Holmes Washington, D. C.
Nash, William Alfred, A. B., Va. Union Richmond, Va.
Nelson, Rembert Thomas Galveston, Texas
Norton, Carl Homer, B. S. (A. & M. College) Tampa, Fla.
Palmer, William Patton Philadelphia, Pa.
Parks, James Benson Columbia, S. C.
Rivers, Mark Edmond, A. B. Howard Washington, D. C.
Roberts, Chambers Goode Buffalo L. Springs, Va.
Ross, Blaine Garfield Low Moor, Va.
Samuels, Herbert Charles Jamaica, B. W. I.
Savoy, Sevellon Davis Washington, D. C.
Stone, Alphonso Delaney Selma, Ala.
Strothers, Hulett Cordula Swarthmore, Pa.
Taylor, Royal Washington Ellerson, Va.
Taylor, William Edward Washington, D. C.
Van Leesten, Charles Rudolph Dutch Guiana
Watkins, Alice May Montgomery, Ala.
Welch, Joseph Nathaniel Georgetown, B. G.
Williams, William Henry, A. B. Biddle Goldsboro, N. C.
Teabeau, Ralph Bartlett Keokuk, Ia.
Zuazo, Virgilio Meneses Remedios, Cuba.

PHARMACEUTIC COLLEGE

SENIORS

Butler, Charles Augustus Washington, D. C.
Carey, Lawrence Bernard Purcellville, Va.
Compton, Eugene Crummell Washington, D. C.
Dudley, Jesse Brenham Dayton, Ohio
Henderson, Clarence Harry Pasadena, Cal.
Lawson, Wilbert Bernard Newport News, Va.
Lee, George Ernest Tuskegee Inst., Ala.
Lewis, Charles Henry Washington, D. C.
Mabry, Ernest Leveria Washington, D. C.
Martin, James Hartford Faunsdale, Ala.
Richardson, Wilma Leona Washington, D. C.
Robinson, Andrew Alexander Pemberton, Va.
Sample, Alexander Weaver Harrisburg, Pa.
Togans, James Albert Harrisburg, Pa.

JUNIORS

Beckwith, Charles Bernard Washington, D. C.
Bennett, Della Mitchell Philadelphia, Pa.
Blair, James Henry Robinson Jamaica, B. W. I.
Clark, James Buchanan Amherst Heights, Va.
Childs, Creed Winston, Jr. Washington, D. C.
Fletcher, James Richard Princeton, N. J.
Fowler, Esther Ellen Baltimore, Md.
Fowler, Ruth Marie Baltimore, Md.
Garnett, Thomas Howard Hopkinsville, Ky.
Herriot, George Montgomery Washington, D. C.
Hunton, Benjamin Holden Toronto, Canada
Jernigan, Robert Lawrence Winton, N. C.
Jones, Verdi Merrick Washington, D. C.
Mossell, Aaron Albert Washington, D. C.
Mullon, Edward Palmer New Orleans, La.
Parrott, Richard Lorraine Kinston, N. C.
Priestly, Edward Warren Albany, Ga.
Reid, Harry Wilson Lynchburg, Va.
Smoot, John Mandeville Cheraw, S. C.
Valentine, Odie Frank St. Louis, Mo.
West, Cromwell Payne Newport, R. I.
Woodard, William Spurgeon Rockingham, N. C.

FRESHMEN

Bowins, Joseph Fleetswood Hampton, Va.
Bowser, Warren Nathaniel Havre de Grace, Md.
Brimage, Emanuel Grayton Buckeystown, Md.
Cabell, Newell Atwood, A. B. Howard Madisonville, Ky.
Chavis, Wellington Rufus Charleston, S. C.
Ennis, William Henry, Jr. Delaware City, Del.
Faust, Lula Clementine Texarkana, Tex.
Francis, Stanley Belford Exmore, Va.
Freeman, William Clarence Mt. Hope, W. Va.
Gaines, Jeannette Lincoln Baltimore, Md.
Gilmore, George Benjamin Oil City, Pa.
Harris, Andrew William Washington, D. C.
Hayes, John Edward Union Level, Va.
Jernigan, Alfonso Louis Atlantic City, N. J.
Jones, Aaron Pettus Memphis, Tenn.
Key, George Raymond Francis Washington, D. C.
Lawson, Walter Edward Roanoke, Va.
Milburn, Arland Roland Philadelphia, Pa.
Mitchell, Beatrice S. Washington, D. C.
Moore, Randall Asheville, N. C.
Pendleton, A. James Boston, Mass.
Pollard, Albert Louis Oak Bluffs, Mass.
Pryce, Ulric Woodman Lake Charles, La.
Ready, Mansfield Adolph Wilmington, N. C.
Selden, George Howell Bedford City, Va.
Smith, Oscar Nathaniel Charleston, S. C.
Taylor, Lawrence Corbit Anacostia, D. C.
Thomas, George Lawson Baltimore, Md.
Toodle, Aaron Conklin Plymouth, N. C.
Walker, Lee Andrew Washington, D. C.
Watson, Charles Irving Monroe, N. C.
Webb, Elias S., Jr. Little Rock, Ark.
White, Goodloe Durrett Bowie, Md.
Wilkin, Arthur Edmond Plymouth, B. W. I.
Williams, William Robert Kansas City, Mo.
Yancey, Abner Mitchell Richmond, Va.

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SCHOOL OF LAW

SENIORS.

Barclay, Martin Luther Horatio New York City, N. Y.
Bellamy, Arthur Hugh Georgetown, British Guiana
Carrington, Lloyd Stanley Cristobal, Canal Zone
Davis, Mitchell Andrew Trenton, N. J.
Gray, James Haywood (LL. B.) Worcester, Mass.
Hawkins, John Russell (A. M.) Washington, D. C.
Hill, Samuel Benjamin Washington, D. C.
Hunter, Ernest Steads Pittsburg, Pa.
Johnson, Elijah Lovejoy, Jr. Tuskegee, Ala.
Jones, Samuel Page Wayside, Md.
Locker, Jesse DeWitt College Hill, Ohio
Morris, James Braddie Atlanta, Ga.
Mosse, Jonathan Cardie Kingston, Jamaica, B. W. I.
Murray, Freeman Morris Washington, D. C.
Pollard, Benjamin Golatha Georgetown, British Guiana
Queen, Robert Newark, N. J.
Ramos, Diego Eugenio Arecibo, Porto Rico
Reid, Thomas Harris Norfolk, Va.
Smith, Edward Sherman Xenia, Ohio
Thomas, William Edgar Oakley, Md.
Wilson, Frank Langley Portsmouth, Va.

MIDDLERS

Baijnath, Shadrach Trinidad, B. W. I.
Ball, Otis Taylor Burgess Store, Va.
Banton, Clarence Wilmer Philadelphia, Pa.
Baynham, Daniel Lindsey Beazley, Va.
Beasley, George Walker Boston, Mass.
Briggs, William Levi Woodscross Roads, Va.
Collins, Alfred Henry Norfolk, Va.
Crumpler, Chester Harrison Norfolk, Va.
Crunn, Alpheus Adolphus Montpelier, Jamaica
Davis, Henry Washington Washington, D. C.
Davis, Jackson Lee (A. B.) Mansfield, La.

DeVaughn, George Gerald Jacksonville, Fla.
Fulbright, James Milton (B. L. D.) Springfield, Mo.
Grimshaw, Walter Hamilton Brooklyn, N. Y.
Hall, Carrie Elizabeth (Miss) Peoria, Ill.
Harris, Mortimer Melbourne Montgomery, Ala.
Henry, Joseph Robert West Point, Miss.
Howell, LaFayette Armstead Norfolk, Va.
Jackson, Andrew Birmingham, Ala.
Jones, Joseph Nathaniel Tallahassee, Fla.
Lane, Charles Edward, Jr. Washington, D. C.
McAlister, David James Fayetteville, N. C.
McBrayer, Glenn S. Clarksburg, W. Va.
McMurray, John Albert (B. S.) St. Louis, Mo.
Mercado, Nicholas Silva Fajardo, Porto Rico
Page, Gouverneur Morris Charles Town, W. Va.
Perry, Clarence Clyde Wytheville, Va.
Pinderhughes, Charles Lloyd Providence, R. I.
Polk, John Henry Dallas, Texas
Richardson, James Anderson Washington, D. C.
Robinson, Charles Edward Washington, D. C.
Settle, Josiah Thomas, Jr. Memphis, Tenn.
Sanders, Thomas Fred Asheboro, N. C.
Westerfield, Samuel Zaza Childs (B. S.) Lincoln, Neb.
Wimberley, Frank Howell (A. B.) Tarboro, N. C.
Wright, Lillian Blanche (Miss) Chicago, Ill.

JUNIORS

Adams, George Cornelius Muskogee, Okla.
Avery, Richard Thomas New York City, N. Y.
Baker, Jesse Nathaniel Pittsburg, Pa.
Bester, William Steverson Memphis, Tenn.
Booth, Guy Bryan Washington, D. C.
Brown, Lewis Edward Houston, Texas
Daniels, George Washington (A. B.) Stroud, Okla.
DeMan, Frank Leon San Antonio, Texas
Dunning, Benjamin Flinaull Norfolk, Va.
Frye, Samuel Dennis Anacostia, D. C.
Garnes, Ulysses Simpson Columbus, Ohio
George, John Clayborne Surry C. H., Va.

Gray, George Howard (B. S.) Edwards, Miss.
Hale, James Everett Norfolk, Va.
Hampton, John Henry Baltimore, Md.
Harris, Benjamin Franklin Salem, N. J.
Harrison, Robert Samuel Austin, Texas
Henry, Josiah Francis Cambridge, Md.
Hodges, Virnal Clingman Norfolk, Va.
Holerman, Joseph Hewitt Chicago, Ill.
Jackson, James W. Charles Town, W. Va.
Jackson, John Henry Deanwood, D. C.
Jennifer, Harold Jones Washington, D. C.
Jones, DeWitte Williston Washington, D. C.
Jones, James Turner Washington, D. C.
Leach, William Sellers Fayetteville, N. C.
Livingston, Thomas Brockholst (B. D.) ..San Andres, Rep. Colombia
Lowe, Roy John Muskogee, Okla
McCormick, John Rowland Washington, D. C.
Moody, Eugene Hayes Forrest City, Ark.
Moore, Herman Emmons (A. B.) Jackson, Miss.
Morgan, Constantine Adolphus Jamaica, B. W. I.
Nelson, Herbert Clower Bryn Mawr, Pa.
Nivens, James H. (A. B.) Hillsboro, Ga.
Pollard, William Augustus Georgetown, Demerara B. G.
Quiller, James Bernard Hartford, Conn.
Tavernier, Alford Hilton Dominica, B. W. I.
Terry, Charles Taylor, Jr. Crystal Springs, Miss.
Treadwell, Mervin Johnson North Adams, Mass.
White, Herbert Ulysses Norfolk, Va.
Wilson, James Franklin (A. B.) Talladega, Ala.
Wood, Clarence Mosby Urbanna, Va.

SPECIALS

Brickhouse, Arthur Thomas Exmore, Va.
Bunch, George Galena, Kans.
Lilly, Leonard J., A. B. Crystal Springs, Miss.
Lyons, Thaddeus Galvester, Texas
Mason, Joseph Felix Sussex, C. H., Va.
Nicholson, Reuben Tunis, Texas
Staples, Granville Vance Martinsville, Va.

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ACADEMY

SENIORS

Bohee, Sumner Theodore	Oil City, Pa.
Bugg, Margaret Brown	Lynchburg, Va.
Brown, Spurgeon Dunbar	Binn's Hall, Va.
Cannon, Joseph Payne	Portsmouth, Va.
Carey, Richard Edmond	St. Kitts, B. W. I.
Chapman, Selden Garnett	Camden, N. J.
Clayton, Norma Belle	Lynchburg, Va.
Doss, James Lacey	Alexandria, Va.
Fisher, Florence Catlette	So. Norwalk, Conn.
Flipping, Keiffer Meadeo	East Radford, Va.
Folkes, Leslie Arthur	Burkeville, Va.
Garvin, Walter Benjamin	Jacksonville, Fla.
Green, Robert Harrison	Norfolk, Va.
Harris, Hattie Mae	Athens, Ga.
Heard, Agnes Arminta	Athens, Ga.
Howard, Raymond Arlington	San Andres Island, S. A.
Ivey, Lewis Albert	Lafayette, Ala.
Jackson, Grace Lavinia	Washington, D. C.
Johnson, Powell	Dallas, Texas
Johnson, Ruth Howlett	Springfield, Mass.
Jones, Mildred Adella	Savannah, Ga.
Jones, Royal Cecil	Washington, D. C.
Lindsay, Arnett Grant	Memphis, Tenn.
Lord, Guy Adolphus	St. Paul Grenada, B. W. I.
Major, Lucy Norvell	Hopkinsville, Ky.
Owen, Robert Lee	Memphis, Tenn.
Picou, Alexander Reginald	Trinidad, B. W. I.
Pinckney, Charles Hampton	New York City, N. Y.
Poore, Leonard Lee	Concord Depot, Va.

Preston, Charles Watts New Brunswick, N. J.
Riley, John Jacob Louisville, Ky.
Ross, Marshall Ellis Newport, R. I.
Spencer, Bibb Carrollton, Ala.
Starks, Eugene F. Eagle Rock, Va.
Thompson, Elizabeth Washington, D. C.
Ward, Chester Allen Charlottesville, Va.
Watts, John Edward Columbia, S. C.
White, Chauncey Depew Matthews, Va.
Williams, Luke Edon Palmyra, N. C.
Wooding, Samuel Garland Hannibal, Mo.
Wyatt, Marion Beatrice Charlottesville, Va.

MIDDLERS

Alexander, Eugene Thomas Bealeton, Va.
Baxter, Marion Angelina Georgetown, S. C.
Bellenger, Richard Eugene Charleston, S. C.
Brandon, Reginald Francis Washington, D. C.
Briggs, Charles Joseph Spring Grove, Va.
Brooks, Nathaniel Cannon New York City, N. Y.
Brown, Alfred Theodore Lawrenceville, Va.
Brown, James Wayman Brooklyn, N. Y.
Brown, Sidney Philip Edwards, Miss.
Cameron, Katheryn Lee Canton, Miss.
Capehart, Myrtle Lillian Raleigh, N. C.
Carter, Fred Douglas Reidsville, N. C.
Chandler, Harry Wilkins Port Tampa, Fla.
Clayton, Clarence Gilbert Chester, Pa.
Coles, Bernard Albert Charlottesville, Va.
Cornwell,, Alywood Tally Columbia, N. C.
Crawford, Waverly Lee Alliance, Va.
Douglass, Dee Anna Coraopolis, Pa.
Dyett, Albert Ernest New York, N. Y.
Dykes, Anita Marion Washington, D. C.
Evans, Grace Lee Ware Neck, Va.
Fax, William Riggs Baltimore, Md.
Garrett, York David Tarboro, N. C.
Godden, Charles Samuel Jamaica, B. W. I.
Hagler, William Earl Palatka, Fla.

Hairston, Chalmers Princeton, N. J.
Hayling, William Samuel St. George Granada, B. W. I.
Hedgman, Norman Henry Washington, D. C.
Holmes, John Henry Winchester, Ky.
Howell, Charles Hampden Georgetown, British Guiana
Jones, Joseph Robinson Danville, Ky.
Kirby, Harry Walters Centerville, Md.
Lancaster, Charles Otis Gloucester, Va.
Land, Alphonso Napoleon Norfolk, Va.
Latimer, Benton Rupert Warrenton, Ga.
Lee, Irene Betty Springfield, Mass.
Mask, James Thomas Wilmington, N. C.
Mattocks, David Daniel Philadelphia, Pa.
Mickey, Bushrod, Jr. Washington, D. C.
Murray, James Edward Charlottesville, Va.
Murray, Roscoe Conkling Charlottesville, Va.
Petersen, Holquina Jemesa San Andrews, Rep. Columbia
Phipps, Nauford Osman Princes Town, Trinidad, B. W. I.
Rattley, Josie Mae Danville, Va.
Robinson, Lucie Beverly Manassas, Va.
Robinson, Mabel Virginia Pawling, N. Y.
Robinson, Robert Sidney Richmond, Va.
Roudeze, Julia Geddes New Orleans, La.
Rudd, Edward Parker New York City, N. Y.
Shackelford, Esther Alexander Richmond, Ky.
Smith, Hermione Virginia Lynchburg, Va.
Stowe, Arnold Edward Flatts, Bermuda.
Strange, Bernard Ross Philadelphia, Pa.
Swan, Frank Lloyd New Haven, Conn.
Taylor, Albert Smith Washington, D. C.
Turner, Bismark Eugene New Orleans, La.
Turner, Olando Boniface Natural Bridge, Va.
Washington, Carol Elizabeth Asheville, N. C.
Wells, Alma Ninde Nashville, Tenn.
Whitmier, Gladys Victoria Denver, Colo.
Wills, Albert Cornelius Boston, Mass.
Williams, Wyoming Tampa, Fla.
Winters, Oliver Wilson Atlantic City, N. J.
Woods, David Lexington Leesburg, N. C.

SUB-MIDDLERS

Abbott, George Washington New York City, N. Y.
Alexander, Lester Douglas Bealeton, Va.
Anderson, Sadie Mae Syracuse, N. Y.
Anderson, Thomas Clifton Norfolk, Va.
Bailey, Ebenezer Roscoe New York City, N. Y.
Berry, Leon Austin Conawingo, Md.
Birchett, Robert Dean Georgetown, Ky.
Brathwaite, Stanley Whitfield St. George Barbados, B. W. I.
Brooks, Arthur Waldo Columbia, S. C.
Brown, Andrew Dawson Chicago, Ill.
Burroughs, Harry William Newark, N. J.
Burke, William Tunnell Norfolk, Va.
Byrd, Augusta Elaine Chattanooga, Tenn.
Callender, Joseph Abraham Montreal, Quebec
Carmon, Henry Adams New York City, N. Y.
Carr, Julian Milton Raleigh, N. C.
Christian, Peter Charles Dominica, B. W. I.
Clark, Clarence Foster Demerara, British Guiana
Coles, Beecher Martin Charlottesville, Va.
Dickson, Harry Lewis St. Charles, Mo.
Donnelly, Arthur Lionel New York City, N. Y.
Dunlop, Willie Harry Washington, D. C.
Dyett, John H. Russell Trinidad, B. W. I.
Ewing, Johnnie Nazarine Bennings, D. C.
Fisher, Ferdinand Edward Baltimore, Md.
Gantt, Edward Andrew Washington, D. C.
Gibson, Samuel Hersey Montreal, Canada.
Goodloe, Don Burroughs Bowie, Md.
Goodloe, Wallis Anderson Bowie, Md.
Goodwin, Louise Amy Amherst, Mass.
Gray, James Frank Versailles, Ky.
Gray, Sarah Frances Louisville, Ky.
Green, Burrell Harrison Oak City, N. C.
Grier, Pearl Elizabeth Due West, S. C.
Hamer, James Norman Montreal, Quebec
Harris, Benjamin Christopher Boomville, N. C.
Harmon, John Wesley Dover, Delaware
Iles, Robert Valerie Gustavia, West Indies

Ingram, Clarence Beatrice Coffeyville, Kans.
Johnson, Daisy Lee Washington, D. C.
Johnson, James William Inglenook, Penn.
Jones, Beatrice Elizabeth Dorchester, Mass.
Keenan, Frederick Warer Harrisonburg, Va.
Lane, Julia Frances Norwich, Conn.
Lindsay, Clarence Holmes Columbia, S. C.
Lofton, William Garvin Jacksonville, Fla.
Lucas, Last Boy Rocky Mt., N. C.
Madison, Lewis Keith Warrenton, Va.
Mallory, Sadie Delain Madison, Va.
Matthews, James Elliott Gettysburg, Pa.
McGriff, Augustus Beachton, Ga.
Moody, Gilbert Horace Bumford, Va.
Moore, Lewis Tanner Washington, D. C.
Moore, Sarah Rebecca Washington, D. C.
Murphy, Katie Belle Eufaula, Ala.
Neal, Dewitt Spergeon Winston-Salem, N. C.
Neal, Pearl Anna Charlotte, N. C.
Norflett, John Clarence New York City, N. Y.
Pagans, James Andrew Gastonia, N. C.
Pannell, Wilber Eugene Staunton, Va.
Patton, Humphry Cornelius Maysville, Ky.
Payne, Winston Daniel Richmond, Va.
Peyton, Isaac Smith Terrell Jackson, Miss.
Plummer, Harry Vinton Hutchinson, Kans.
Postles, Ruth May Wilmington, Del.
Presley, Edmond Benjamin Clifton Forge, Va.
Reed, Walter Emmit Monrovia, Liberia.
Roane, Smithson Plymouth, Mass.
Russell, George Brown Norfolk, Va.
Smith, Leo Carlton Boston, Mass.
Smith, Olive Bird Springfield, Mass.
Spriggs, Ethel Francis Washington, D. C.
Standard, Edward Lambert Richmond, Va.
Stewart, Seth Fred Frogmore, S. C.
Surcey, Charles Pinkney Jacksonville, Fla.
Sweeney, Henry Clay San Antonio, Texas
Turner, George Washington San Antonio, Texas

Walkins, Reginald Elezer Christ Church, Barbados, B. W. I.
Warde, Eston Eramus Lynchburg, Va.
West, Susie Maria Norwood, Va.
Wesley, Virginia Archer Washington, D. C.
White, John Harry Hampton, Va.
Vilian, Percy Eugene Mt. Hope Depot, Cristobal, Canal Zone

JUNIORS

Adams, Claude New York City, N. Y.
Bennett, Edward Arthur Woodstock, Md.
Best, David Livingston New York City, N. Y.
Brown, Aguilar Augustus Jamaica, B. W. I.
Brown, George Leon Camden, N. J.
Bunbury, Sidney Henry Demerara, British Guiana
Carr, Mabel Madeline Raleigh, N. C.
Challenor, Robert Lincoln Brooklyn, N. Y.
Colden, John Albert Providence, R. I.
Conway, Lloyd William Brentwood, Md.
Cooper, George Wood Windsor, N. C.
Cozart, Helen Juanita Atlantic City, N. J.
Crichton, Francis Duval Lynchburg, Va.
Croell, Levia Edward Newport, R. I.
Dorsey, Thomas Milton Fairfax, Va.
Douglas, William Arthur Hertford, N. C.
Earle, John Duncan New York City, N. Y.
Elcock, John Alfred Trinidad, B. W. I.
Elder, Arthur Hamilton Demerara, British Guiana
Florence, Earl Braddock, Pa.
Foster, George Abraham Tuscaloosa, Ala.
Foy, Holland Viola Brooklyn, N. Y.
Fredericks, Edward Thomas Colon, Panama
Freeman, Mary Elizabeth Northampton, Mass.
Gaskins, Albert Lee Washington, D. C.
Gundy, Esther Viola Haverhill, Mass.
Gwathney, James Henry Smithfield, Va.
Hardwick, Harry Coles Savannah, Ga.
Hardwick, Pezavia Engene Savannah, Ga.
Hawkins, John Russell, Jr. Washington, D. C.
Hearn, William Garett Charlottesville, Va.
Henderson, David Leslie Washington, D. C.

Hunter, Robert Andrew Marion, S. C.
Hunter, William Ewart Colon, Panama
Jefferson, Benjamin Franklin Richmond, Va.
Johnson, Forrester New Haven, Conn.
Johnson, Hubert Washington, D. C.
Jones, Mayme Belfield Port Lavaca, Texas
King, Richard Allen New Orleans, La.
Knox, John William Atlanta, Ga.
Kyser, Alfred Harris Tuskegee, Ala.
Lancaster, Ruthella Mildred Altoona, Pa.
Lewis, Edna Earl Washington, D. C.
McGhee, Jeanette Annie Atlanta, Ga.
McKenzie, Allen Benzly Great Neck, L. I.
Marshall, Alfred Edward Greenwood, S. C.
Miranda, Jose Doloves San Pedro, Porto Rico
Mounts, Arnold Eavlong Key West, Fla.
Nanton, Hugh Isidore Colon, Panama
Payne, Harvey Junction City, Ark.
Peek, Percy Sylvester Jacksonville, Fla.
Reed, Florence Roberta Monrovia, Liberia
Reed, James Morris Elizabeth, N. J.
Sarcita, José E. Oviedo Habana, Cuba
Shelton, Daisy Belle Lynchburg, Va.
Simmons, Sarah Elizabeth Port Chester, N. Y.
Strange, James Eston Richmond, Va.
Sullers, Bertha Eva Winston, N. C.
Thornton, Caroline Washington, D. C.
Thomas, Ponce de Leon Staunton, Va.
Thompson, Ravenell Lynchburg, Va.
Turner, David Johnson Boley, Okla.
Ward, Gladys Marie Springfield, Mass.
Waters, Charles Berryman New Rochelle, N. Y.
Webb, Louise Virginia Pittsburg, Pa.
Westbrooks, Buford Ensley, Ala.
Williams, Ferdinand Davidson New York City, N. Y.
Wilson, Empress Elizabeth Washington, D. C.

UNCLASSIFIED

Akers, Lillian Beatrice Washington, D. C.
Allen, Charles Edward Birmingham, Ala.
Avery, Richard Thomas Nyack, N. Y.
Bowe, Richard Henry Titus, Ala.
Brown, James Newton Detroit, Michigan
Cooper, Jennie Theresa Richland, S. C.
Desmukes, Albert David Gonzales, Texas
Dudley, Grechan Donawa Trinidad, B. W. I.
Eberhardt, John Thomas Chattanooga, Tenn.
Everett, Gladys Theola Lynchburg, Va.
First, Dillard Jesse Cleveland, Ohio
Gatling, Arney Viter Murfreesboro, N. C.
Harris, Florence Winston Washington, D. C.
Harrison, London E. Washington, D. C.
Haynes, Eugene Augustus Jamaica, B. W. I.
Hercules, James Festus British Guiana, S. A.
Herndon, Lillian Evelyn Washington, D. C.
Holley, Lewis Willis Columbia, S. C.
Ivey, Hattie Pauline Capron, Va.
Johnson, Blanche Beatrice Washington, D. C.
King, William Armstead Newark, N. J.
Lalondri, Antonio Fortunato Maximo Gonies, Cuba
Mazyck, Walter Herbert Charleston, S. C.
Minor, Margaret Washington, D. C.
Mitchell, John Stafford Lynchburg, Va.
Moore, Kid Leon Grambling, La.
Morgan, Charles McLaren Georgetown, British Guiana
Mullen, Lottie Frankie Washington, D. C.
Page, Charles Albert Charleston, W. Va.
Plaine, Judson Bliss Cedartown, Ga.
Pollard, Benjamin Golatha Georgetown, British Guiana
Prout, Edna Marie Bowie, Md.
Shirley, Edward Samuel Jamaica, B. W. I.
Spivey, Henry Perkins Brewton, Ala.
Standard, Lawrence S. Washington, D. C.
Sullivan, Zoa C. Wilmington, N. C.
Treadwell, Mervin Johnson North Adams, Mass.
Watkins, Gertude Montgomery, Ala.

Welch, Edith May Washington, D. C.
White, Anita Lucy Clarkton, N. C.
Wood, Clarence Mosby Urbanna, Va.
Wormley, Marie Louise Washington, D. C.

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COMMERCIAL COLLEGE

FOURTH YEAR

Brice, George E. Annapolis, Md.
Buckner, William H. Memphis, Tenn.
Chappelle, Helen E. Washington, D. C.
Darwin, Birrissia Taylorville, Ill.
Dixon, Walter T. Columbia, S. C.
Dowdell, Bertha Cleveland, Ohio
Dunlop, LeRoy Moorestown, Pa.
Eberhardt, Thomas J. Chattanooga, Tenn.
Gary, Roger T. Evansville, Ind.
Girod, Charles A. Panama, South America
Merchant, Flossie A. Pittsburg Pa.
Mickens, C. C. Hustin, W. Va.
Robinson, Robert Washington, D. C.
Stuart, Claude C. Rodney, Miss.
Walton, DeWitt T. Boston, Ga.
Wright, James W. Denton, Md.
Yancy, Rosalind A. Pittsburg, Pa.

THIRD YEAR

Blackmon, Claude Wesley Goldsboro, N. C.
Boulding, Ruffin P. Norfolk, Va.
Brown, Myrtle Hughes Washington, D. C.
Burke, Ruth M. Knoxville, Tenn.
Clark, Clarence Elliot Shelbyville, Ind.

Dean, William A. Denver, Colo.
Fleming, John Glosser Morgantown, N. C.
Glenn, Zillah May Duluth, Minn.
Grieves, Miller J. New York, N. Y.
Plummer, Mayme V. (Mrs.) Washington, D. C.
Portlock, Louis Henry Norfolk, Va.
Proctor, Julius Erwin Chicago, Ill.
Rhodes, William Sandusky, Ohio
Richardson, James A. Boston, Ga.
Roane, Malvin Johnston Washington, D. C.
Smith, Benjamin Harrison Shelbyville, Ind.
Smith, Walter Davis Brooklyn, N. Y.
Sterrett, Adolph W. Baltimore, Md.
Stratton, James E. Doylestown, Pa.
Taylor, Eugene A. Troy, N. Y.
Thomas, Mary E. Washington, D. C.
Turner, Constance Beatrice San Antonio, Texas
Williams, Rosa B. Brooklyn, N. Y.

SECOND YEAR

Bolling, Henry Meriden, Conn.
Brooks, Clara W. Washington, D. C.
Brooks, Estelle Beatrice New York City, N. Y.
Brown, Alma Inez Charleston, S. C.
Brown, Oscar Cicero Edmonds, Miss.
Clay, Lee T. East St. Louis, Ill.
Crosby, Sarah Washington, D. C.
Foster, Obadiah M. Tuscaloosa, Ala.
Gary, Walter B. Nashville, Tenn.
May, Lezandio Savarduhs Rep., Colombia
McGhee, Norman L. Atlanta, Ga.
Smallwood, Ethel New York City, N. Y.
Taylor, Ethel Richmond, Va.

FIRST YEAR

Becks, Basil Bennett Staunton, Va.
Briggs, Maine Lewis Providence, R. I.
Butler, Cornia Syracuse, N. Y.
Clark, Eugene Haywood Vicar Switch, Va.

Cooke, Ernest L. Banty P. O., Century, Okla.
Jackson, Ernest Dewesee Daytona, Fla.
Johnson, Robert E. Baltimore, Md.
McKenzie, Allen Blenzley Great Neck St., L. I., N. Y.
Nichols, Charles A. Winston, N. C.
Nixon, Elbert Burrell Bluemount, Va.
Page, Ulysses Simpson Durham, N. C.
Price, Blanche Beatrice Philadelphia, Pa.
Prout, William Oliver Bowie, Md.
Ruffin, Hardy Blane Mason, Tenn.
Smith, Wilson T. Orange, N. J.
Young, Frank Overy Downingtown, Pa.
Younger, Cora Pittsburg, Pa.

SPECIAL STUDENTS

Adams, George Cornelius Muskogee, Okla.
Adams, Mattie Pearle Washington, D. C.
Billings, Arleigh Haskell Takoma Park, Md.
Brown, James Wayman Brooklyn, N. Y.
Cuff, Ethel Letitia Wilmington, Del.
Cummings, Richard York, Pa.
Finney, John Morton Jacksonville, Miss.
Gary, Walter Nashville, Tenn.
Harrison, Odele Georgette Mobile, Ala.
Henry, Josiah F. Cambridge, Md.
Howard, Moses W. Forsyth, Ga.
Lowe, Roy John Muskogee, Okla.
Lucas, Last Boy Rocky Mount, N. C.
Morgan, C. A. Washington, D. C.
Mosley, John Howard Wilmington, Del.
Morton, Parker P. Stuebenville, Ohio
Page, Charles Albert Charles Town, W. Va.
Pollard, William Augustus British Guiana, South America
Proffit, Moses Helena, Ark
Samuel, George Frederic St. James Village, Trinidad, B. W. I.
Sims, Peola Charles Covington, Tenn.
Simmon, William New Iberia, La.
Smith, Adelaide Ottawa, Ill.

Tavernier, Alford Hilton Dominica, British West Indies
Weatherless, Ruth Ellen Washington, D. C.
Wilson, Harry Inge Danville, Va.

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Arkansas	8
California	4
Colorado	4
Connecticut	8
Delaware	7
District of Columbia	334
Florida	29
Georgia	43
Illinois	10
Indiana	4
Iowa	2
Kansas	6
Kentucky	38
Louisiana	16
Maryland	98
Massachusetts	22
Michigan	4
Minnesota	1
Mississippi	22
Missouri	14
Nebraska	2
Nevada	1
New Jersey	33
New York	48

North Carolina	89
Ohio	20
Oklahoma	13
Pennsylvania	70
Rhode Island	12
South Carolina	49
Tennessee	26
Texas	53
Virginia	132
Washington	1
West Virginia	37
Africa	8
Canada	6
Panama	8
Saint Andrew Island	1
South America	12
West Indies	89
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GENERAL SUMMARY

College of Arts and Sciences	365
Teachers College	202
School of Manual Arts and Applied Sciences	10
Conservatory of Music	94
School of Theology	110
School of Medicine	288
School of Law	106
Academy	298
Commercial College	96
Total	1569
Names duplicated because of students taking special courses in different departments	117
Correct Total	1452
Correspondence students (not counted above)	61
Final Total	1513

NOTE

In this catalogue the University gives its enrollment from September 30, 1914, to June 1, 1915, thus representing the number in attendance at the present school session. Previous catalogues have given the enrollment from March 1 to March 1, thus representing parts of two sessions in each catalogue. The change of method slightly affects the final summary. Hereafter the method of giving the enrollment for each session will be followed.

GENERAL ALUMNI ASSOCIATION OF HOWARD UNIVERSITY

President, Dwight O. W. Holmes, A. M.

Vice-Presidents

Rev. D. E. Wiseman — Dr. S. G. Elbert — H. W. Bass
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Mrs. Amanda V. Gray, Phar. D.
G. Smith Wormley, A. B.
Rev. J. E. Moorland, D. D.
Robert A. Pelham, LL. B.
Mrs. Alma J. Scott
Rev. D. E. Wiseman, D. D.
A. Mercer Daniel, LL. B.

The Association stands for the interest of the University and its Alumni. All graduates of Howard University are eligible to membership. The entrance fee is $1.00 paid once only. The annual dues are 25 cents payable to the Financial Secretary at or before the Reunion each year. The Annual Reunion followed by the Alumni Dinner occurs on Commencement Day. These meetings in recent years have been largely attended and have been productive of good fellowship and practical results both to the University and to the Alumni.

All Alumni, whether members of the Association or not, whose addresses have been changed within the past six years are requested to send at once correct addresses to the Financial Secretary, in order that the Alumni lists may be brought up to date and made as complete as possible. Alumni are also requested to keep the Secretary informed of change of address, decease of members, etc.

LOCAL ALUMNI ASSOCIATIONS

New York and New Jersey—Prof. James M. Gregory, *President*
Philadelphia—Hon. George H. White, *President*
Baltimore—Dr. T. S. Hawkins, *President*
Pittsburg—Rev. Scott Wood, *President*
St. Louis—....., *President*
Chicago—Dr. J. W. McDowell, *President*
Louisville—....., *President*
Denver—Geo. G. Ross, *President*
Lynchburg—Mrs. Lelia Perkins-Mozee, *President*
Muskogee—O. Benj. Jefferson, *President*
Wheeling—E. J. Graham, Jr., *President*
Huntington—C. H. Tavernier, *President*

THE WEST INDIAN ASSOCIATION

In view of the large number of students from the West Indies in the several departments of the University, an association has been formed with the following objects: First, to promote association and mutual interest among its members; Second, to render assistance to members in cases of necessity; Third, to plan for lectures, debates, etc., for the culture and entertainment of the members. The officers are as follows: President, Rev. D. E. Wiseman, D. D.; Vice-President, Rev. J. C. Van Loo, B. D.; Secretary, George M. Overton; Treasurer, Rev. A. W. C. Collier. The patrons include the President and Deans of the University.

TRAINING SCHOOL FOR NURSES

There is a Training School for nurses in connection with Freedmen's Hospital, over which the University has no jurisdiction. For information and application blanks, address Surgeon-in-Chief, Freedmen's Hospital, Washington, D. C.

FORM OF BEQUEST

I give and devise to the trustees of Howard University, Washington, D. C., the sum of dollars, payable

(Signed)

Date

PRELIMINARY BLANK

To be filled out by one desiring to enter any department of Howard University.

Before filling out this blank, the applicant will please read carefully "Requirements for Admission" to the several departments.

1. Date of application.....191...

2. Name

3. Age

4. Post Office address.....

5. What school did you last attend?

6 Did you graduate?

7. If not, what class did you finish?.....

8. In what year did your work there close?.....

9. Put a cross after the department you wish to enter in Howard University.

Academic Departments	Professional Departments
1. College of Arts and Sciences	1. Conservatory of Music
2. Teachers College	2. Library School
3. Academy	3. School of Theology
4. Commercial College	4. Medical College
5. School of Manual Arts and Applied Sciences	5. Dental College
	6. Pharmaceutical College
	7. School of Law

After filling out the blank, the applicant should send it to

THE REGISTRAR, HOWARD UNIVERSITY,
WASHINGTON, D. C.

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